

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080964.D
 Acq On : 11 Aug 2015 16:28
 Operator : UM/IZ
 Sample : PB84907BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Quant Time: Aug 12 00:36:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	61189	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	242429	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	107536	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	199078	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	180927	20.00	ng	-0.03
86) Perylene-d12	15.32	264	169465	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	431359	115.18	ng	0.01
7) Phenol-d6	6.43	99	666241	129.82	ng	-0.01
23) Nitrobenzene-d5	7.36	82	435659	85.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	131972	111.71	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	620501	81.23	ng	-0.02
78) Terphenyl-d14	12.89	244	657913	75.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	56854	32.01	ng	99
3) Pyridine	3.13	79	181012	35.93	ng	89
4) n-Nitrosodimethylamine	3.08	42	95513	37.14	ng	99
6) Aniline	6.45	93	205607	27.27	ng	93
8) 2-Chlorophenol	6.57	128	155449	35.87	ng	# 81
9) Benzaldehyde	6.33	77	125766	36.36	ng	97
10) Phenol	6.44	94	249878	41.04	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	162359	35.71	ng	95
12) 1,3-Dichlorobenzene	6.73	146	172832	37.58	ng	98
13) 1,4-Dichlorobenzene	6.81	146	171639	35.92	ng	98
14) 1,2-Dichlorobenzene	6.96	146	158907	36.78	ng	99
15) Benzyl Alcohol	6.93	79	158057	37.63	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	326779	35.73	ng	98
17) 2-Methylphenol	7.05	107	141044	38.13	ng	# 92
18) Hexachloroethane	7.30	117	65669	35.87	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	129244	34.46	ng	100
20) 3+4-Methylphenols	7.21	107	181998	39.17	ng	# 79
22) Acetophenone	7.20	105	232765	39.18	ng	# 95
24) Nitrobenzene	7.37	77	175325	33.22	ng	97
25) Isophorone	7.61	82	354149	35.93	ng	# 93
26) 2-Nitrophenol	7.69	139	84982	38.27	ng	99
27) 2,4-Dimethylphenol	7.73	122	169015	40.66	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	200778	33.93	ng	97
29) 2,4-Dichlorophenol	7.93	162	128747	37.69	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	138304	37.04	ng	98
31) Naphthalene	8.09	128	470853	35.24	ng	99
32) Benzoic acid	7.86	122	100213	40.27	ng	93
33) 4-Chloroaniline	8.14	127	120739	22.23	ng	94
34) Hexachlorobutadiene	8.21	225	80583	36.27	ng	97
35) Caprolactam	8.52	113	31781	25.86	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	164285	39.41	ng	90
37) 2-Methylnaphthalene	8.78	142	320017	37.62	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	124224	37.47	ng	99
40) Hexachlorocyclopentadiene	8.94	237	169199	93.53	ng	98

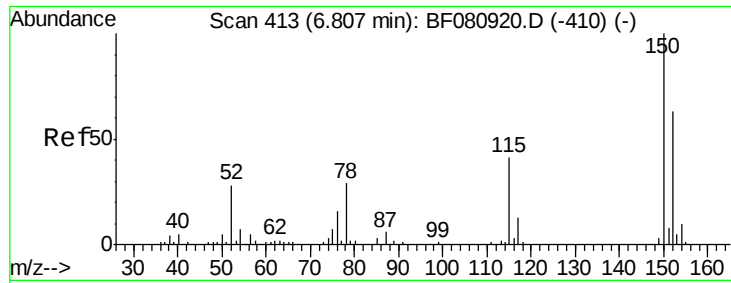
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080964.D
 Acq On : 11 Aug 2015 16:28
 Operator : UM/IZ
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Quant Time: Aug 12 00:36:03 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	88741	36.52	nq	94
43) 2,4,5-Trichlorophenol	9.10	196	103103	42.11	nq #	86
45) 1,1'-Biphenyl	9.25	154	391981	42.47	nq	99
46) 2-Chloronaphthalene	9.28	162	281592	39.13	nq	99
47) 2-Nitroaniline	9.37	65	111130	38.52	nq	97
48) Acenaphthylene	9.69	152	480695	38.43	nq	100
49) Dimethylphthalate	9.56	163	329272	36.86	nq #	98
50) 2,6-Dinitrotoluene	9.62	165	71906	38.96	nq #	46
51) Acenaphthene	9.86	154	326773	42.65	nq	99
52) 3-Nitroaniline	9.78	138	55271	24.29	nq	99
53) 2,4-Dinitrophenol	9.88	184	78565	70.84	nq #	70
54) Dibenzofuran	10.03	168	404098	39.01	nq	99
55) 4-Nitrophenol	9.95	139	139160	81.71	nq #	73
56) 2,4-Dinitrotoluene	10.02	165	107628	43.59	nq #	72
57) Fluorene	10.37	166	325330	40.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	73704	38.04	nq	98
59) Diethylphthalate	10.26	149	349786	37.62	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	127838	32.74	nq	96
61) 4-Nitroaniline	10.40	138	80481	34.38	nq	96
62) Azobenzene	10.52	77	364879	35.09	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	47909	38.83	nq #	70
65) n-Nitrosodiphenylamine	10.49	169	281761	40.74	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	91164	43.24	nq	97
67) Hexachlorobenzene	10.91	284	95542	40.76	nq #	56
68) Atrazine	11.01	200	83011	40.94	nq	98
69) Pentachlorophenol	11.10	266	106053	77.80	nq	99
70) Phenanthrene	11.32	178	405291	35.95	nq	99
71) Anthracene	11.38	178	452264	40.52	nq	99
72) Carbazole	11.53	167	412233	37.94	nq #	97
73) Di-n-butylphthalate	11.87	149	569725	41.93	nq	99
74) Fluoranthene	12.51	202	496464	40.74	nq	96
76) Benzidine	12.64	184	371074	Below	Cal	97
77) Pyrene	12.74	202	519382	38.86	nq	99
79) Butylbenzylphthalate	13.36	149	212695	33.01	nq #	67
80) Benzo(a)anthracene	13.92	228	436639	38.21	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	79092	19.03	nq #	98
82) Chrysene	13.95	228	376942	34.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	303872	33.89	nq #	96
84) Di-n-octyl phthalate	14.53	149	521627	34.32	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	388141	37.27	nq	99
87) Benzo(b)fluoranthene	14.96	252	770167	65.36	nq #	97
88) Benzo(k)fluoranthene	14.96	252	770167	74.71	nq	98
89) Benzo(a)pyrene	15.27	252	402603	39.75	nq #	95
90) Dibenzo(a,h)anthracene	16.68	278	327428	36.55	nq	99
91) Benzo(g,h,i)perylene	17.07	276	290456	33.34	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

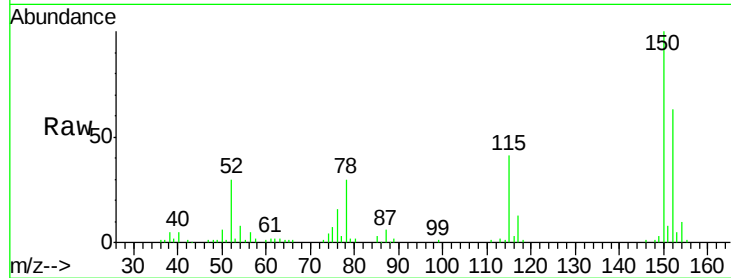


#1

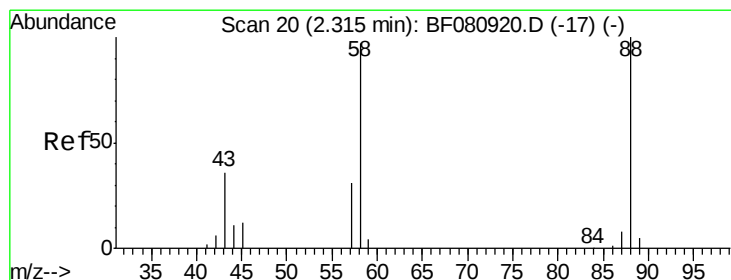
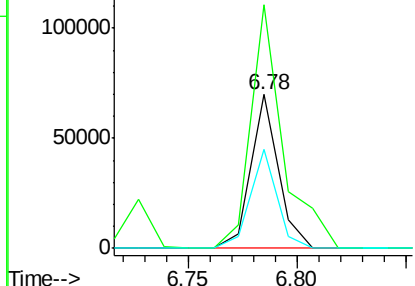
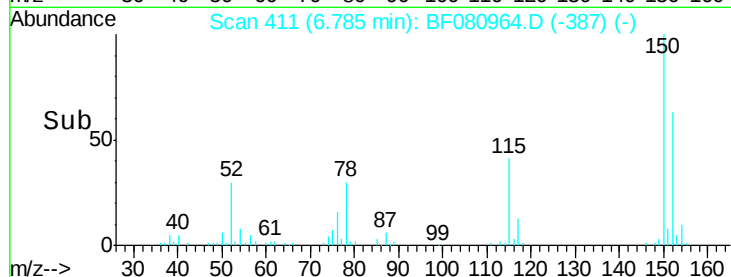
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:152 Resp: 61189
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.2
115 64.5 52.6 78.8



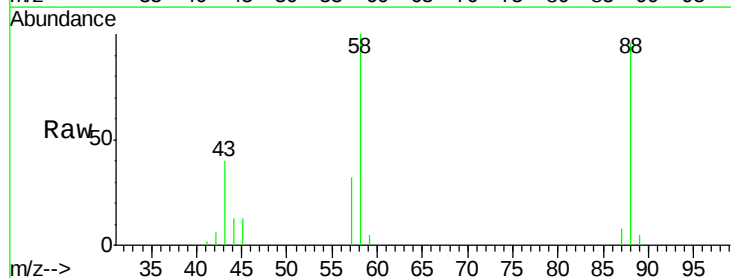
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



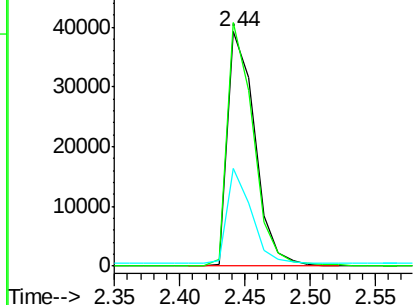
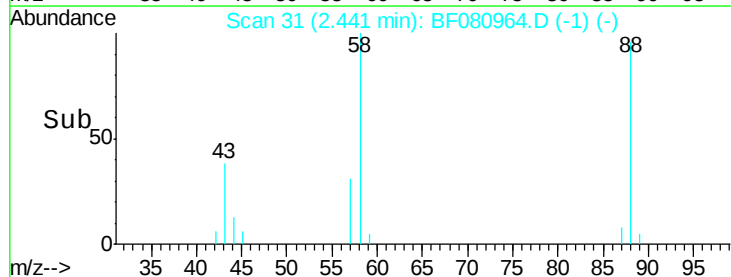
#2

1,4-Dioxane
Concen: 32.01 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.13 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 88 Resp: 56854
Ion Ratio Lower Upper
88 100
58 99.8 79.3 118.9
43 36.4 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.93 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

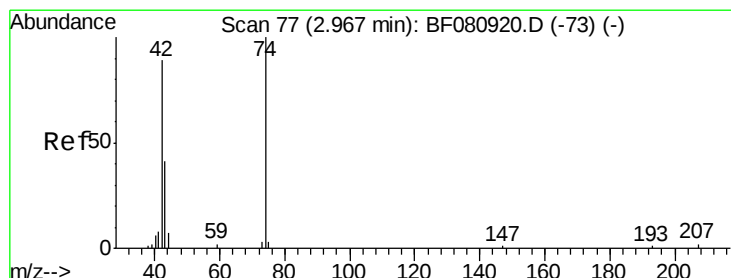
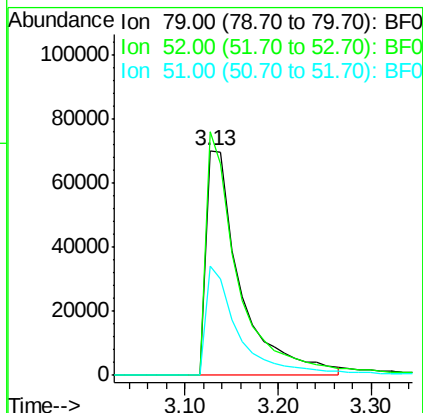
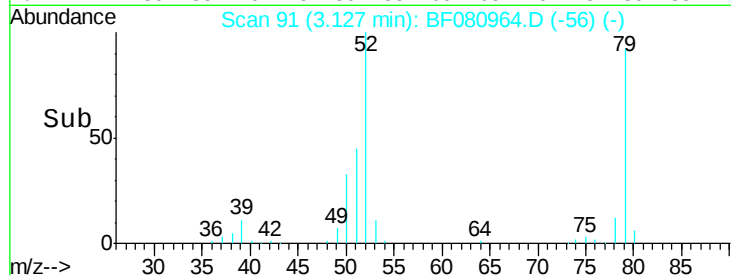
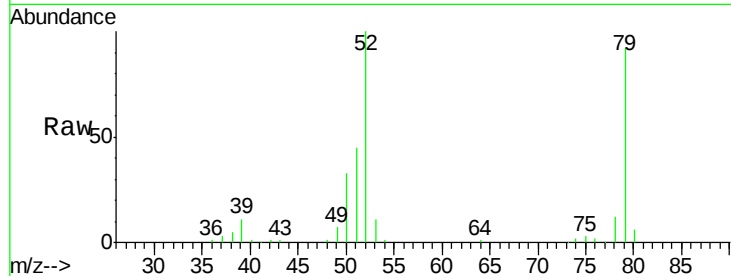
Tot Ion: 79 Resp: 181012

Ion Ratio Lower Upper

79 100

52 108.4 77.2 115.8

51 48.8 35.0 52.4



#4

n-Nitrosodimethylamine

Concen: 37.14 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

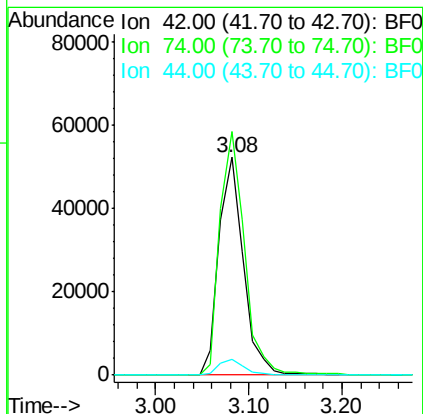
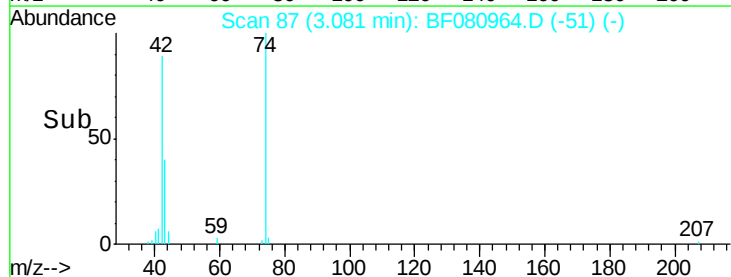
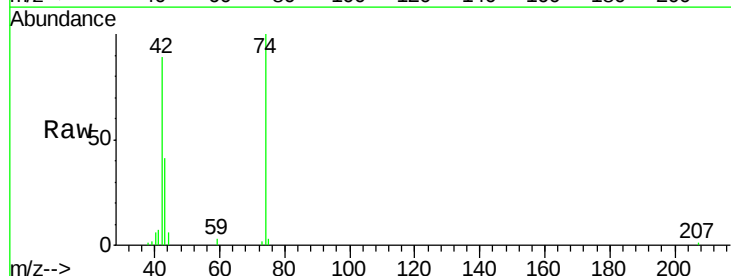
Tgt Ion: 42 Resp: 95513

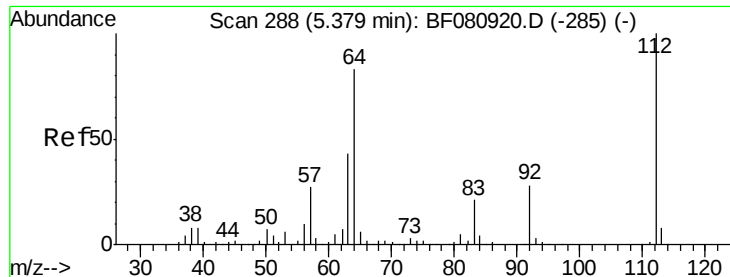
Ion Ratio Lower Upper

42 100

74 111.8 89.8 134.8

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 115.18 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

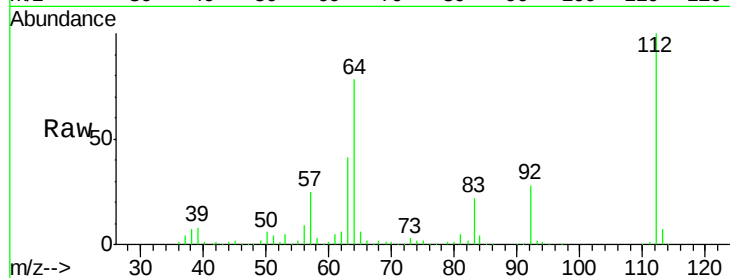
Tot Ion:112 Resp: 431359

Ion Ratio Lower Upper

112 100

64 78.1 66.1 99.1

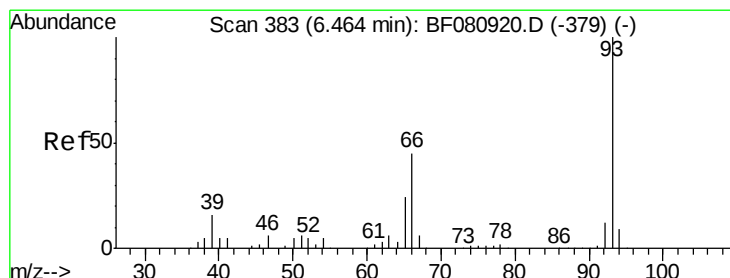
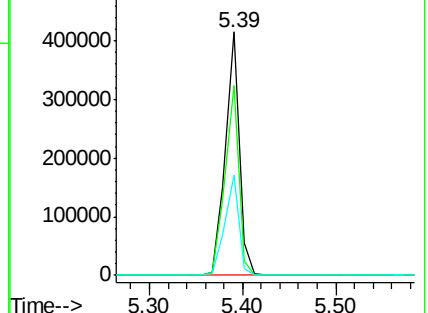
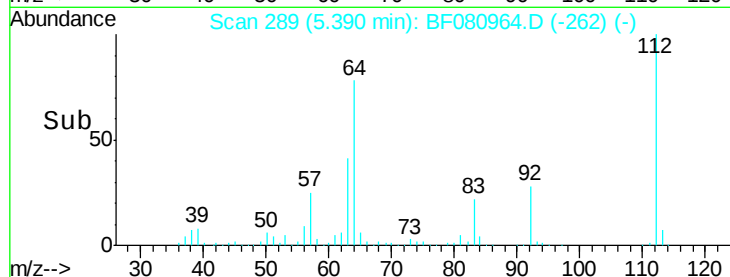
63 41.0 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.27 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

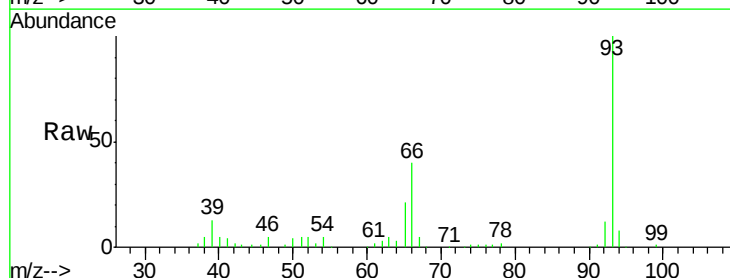
Tgt Ion: 93 Resp: 205607

Ion Ratio Lower Upper

93 100

66 40.0 36.2 54.4

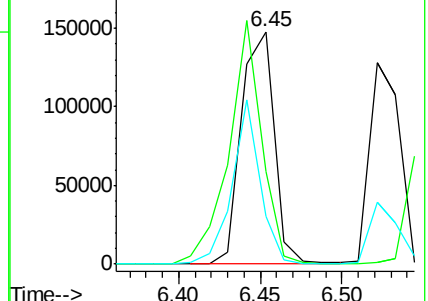
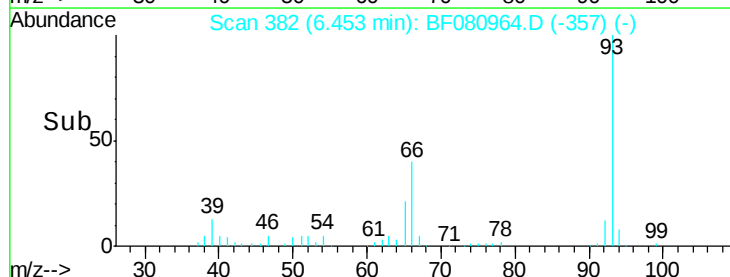
65 20.8 19.0 28.4

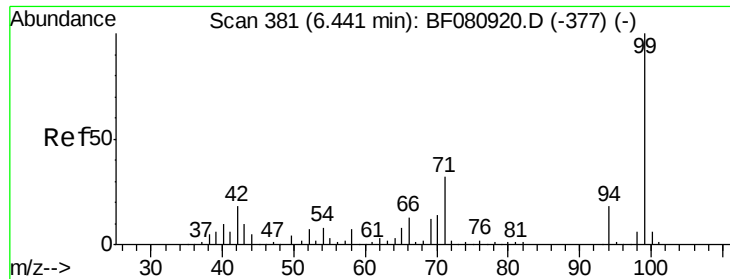


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.82 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

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ClientSampleId :

PB84907BSD

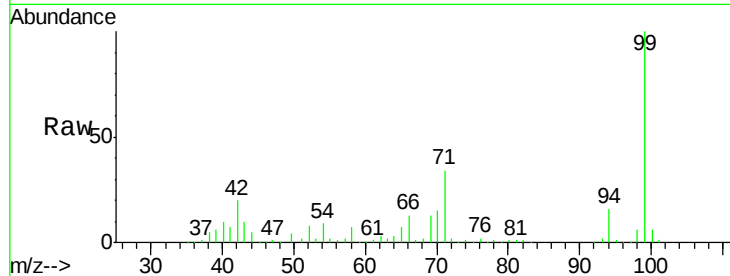
Tot Ion: 99 Resp: 666241

Ion Ratio Lower Upper

99 100

42 19.9 14.4 21.6

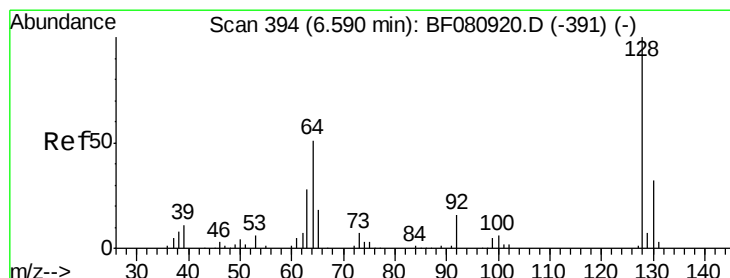
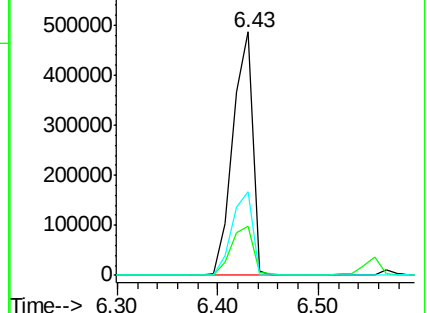
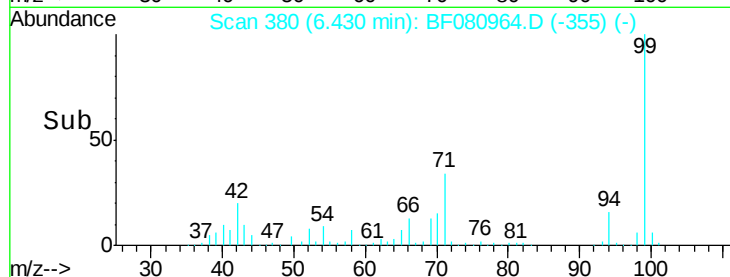
71 34.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.87 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

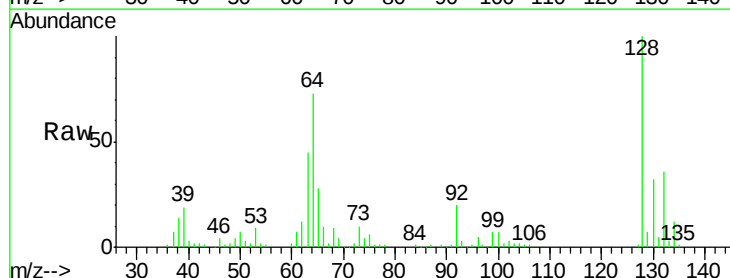
Tgt Ion: 128 Resp: 155449

Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

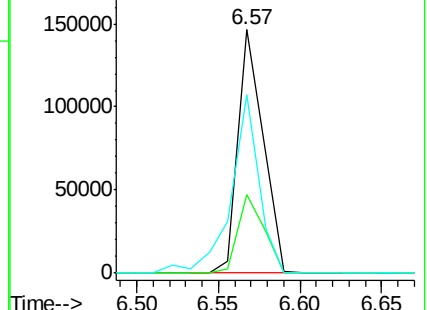
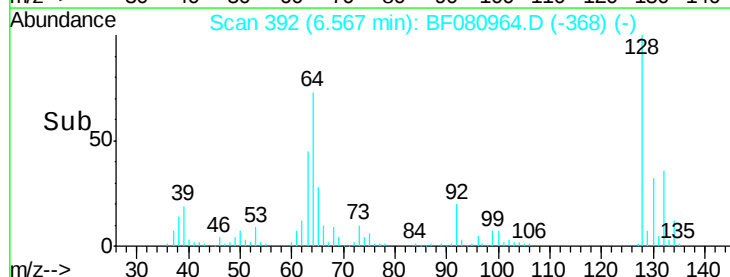
64 73.2 32.1 72.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.36 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

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PB84907BSD

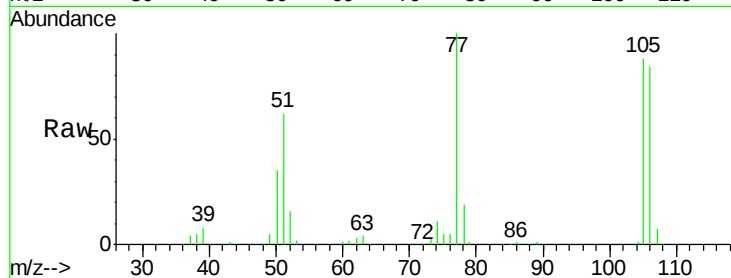
Tot Ion: 77 Resp: 125766

Ion Ratio Lower Upper

77 100

105 87.7 71.6 111.6

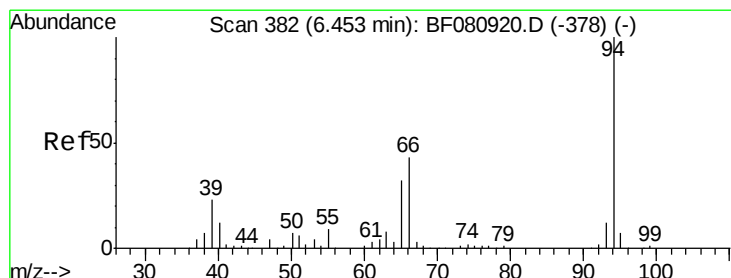
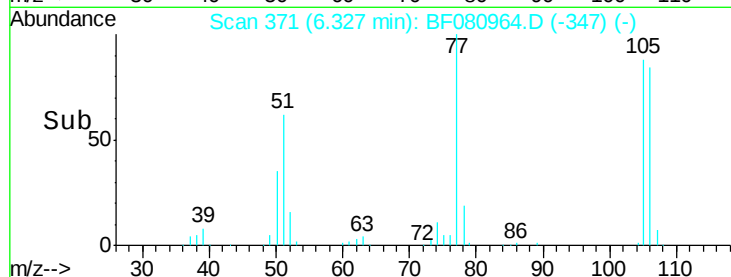
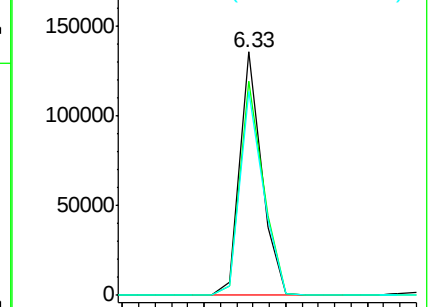
106 83.9 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.04 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

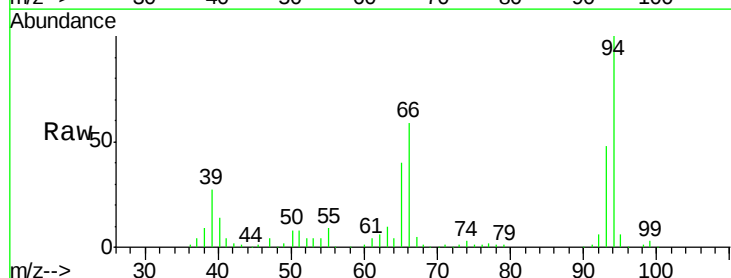
Tgt Ion: 94 Resp: 249878

Ion Ratio Lower Upper

94 100

65 39.7 11.8 51.8

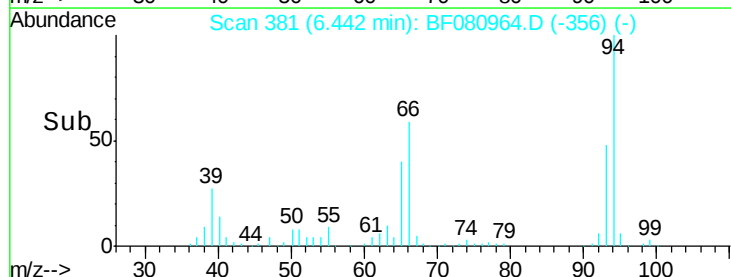
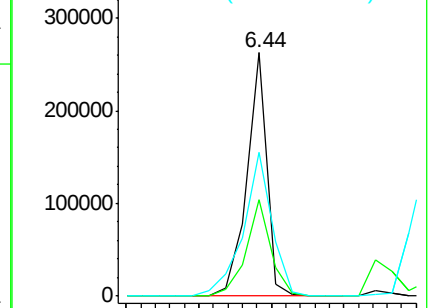
66 58.9 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

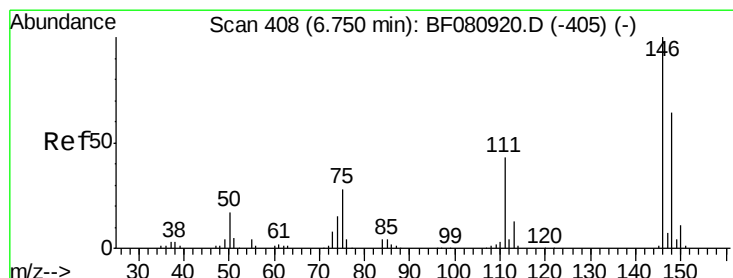
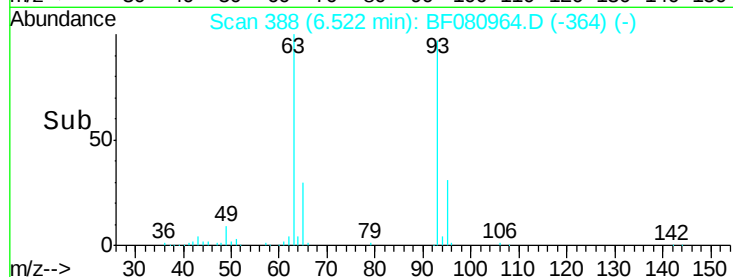
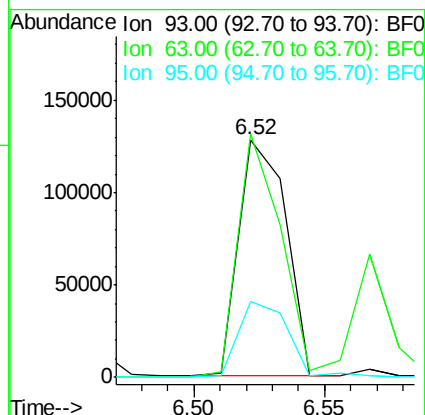
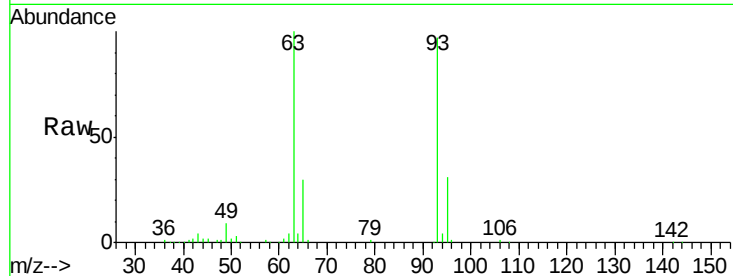




#11
bis(2-Chloroethyl)ether
Concen: 35.71 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

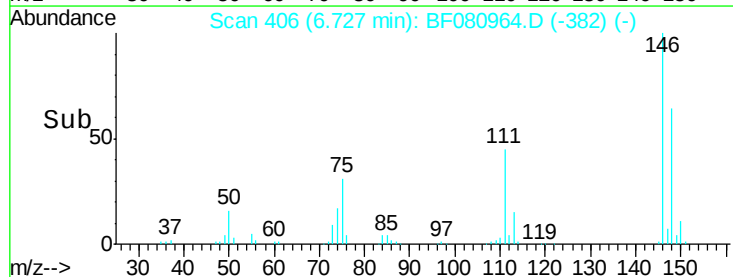
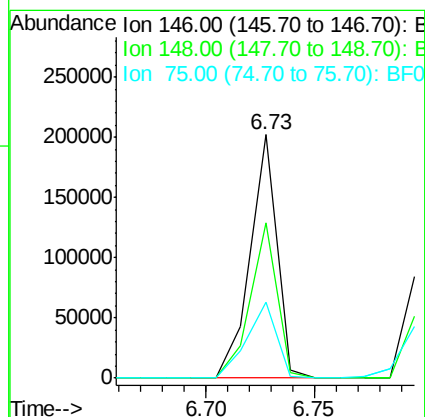
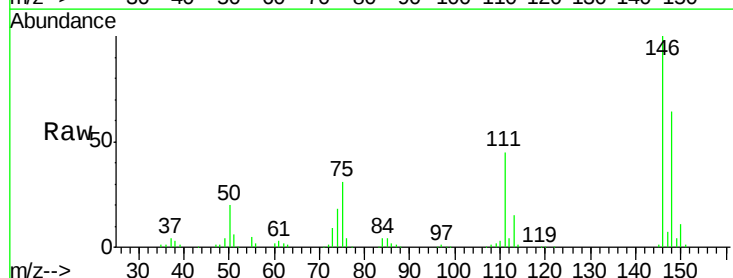
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

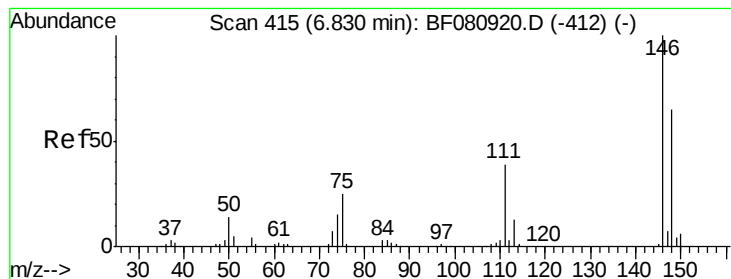
Tot Ion: 93 Resp: 162359
Ion Ratio Lower Upper
93 100
63 102.7 76.7 116.7
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 146 Resp: 172832
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 31.1 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 35.92 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

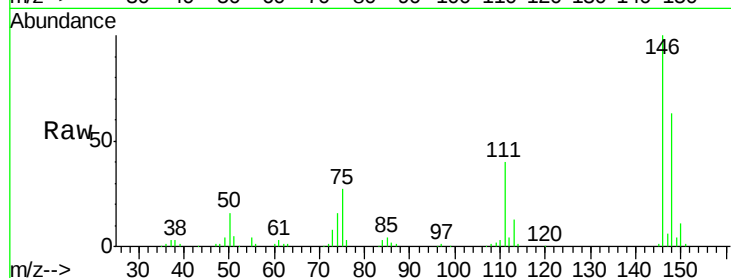
Tot Ion:146 Resp: 171639

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.4

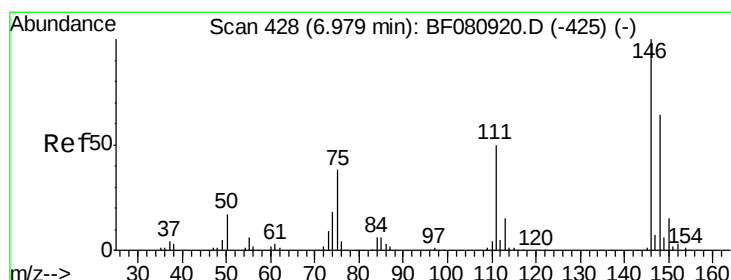
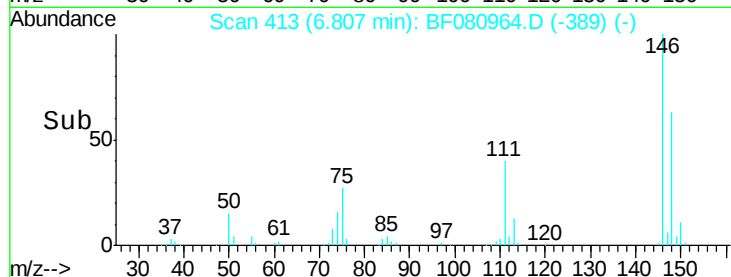
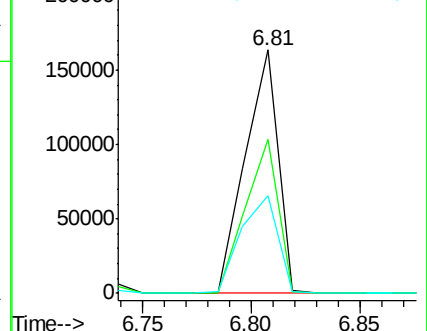
111 40.2 31.5 47.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.78 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

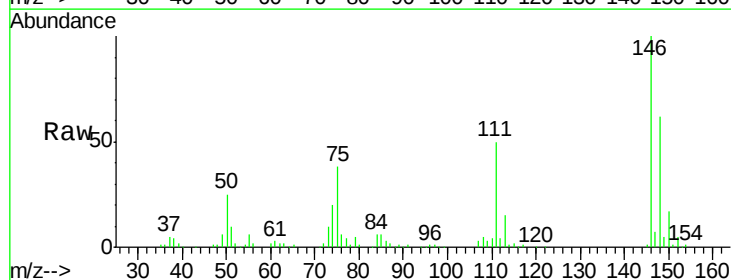
Tgt Ion:146 Resp: 158907

Ion Ratio Lower Upper

146 100

148 62.2 51.1 76.7

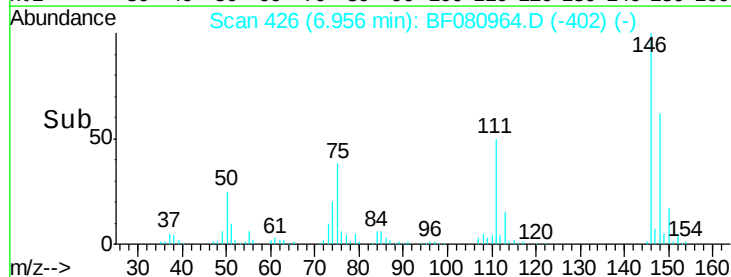
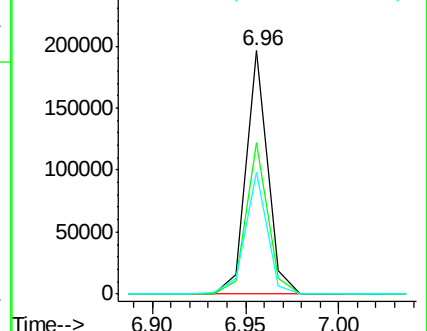
111 50.3 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.63 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

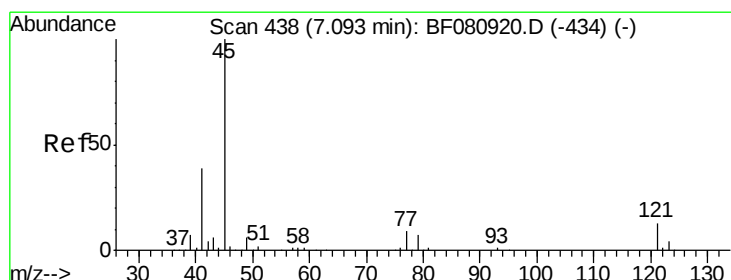
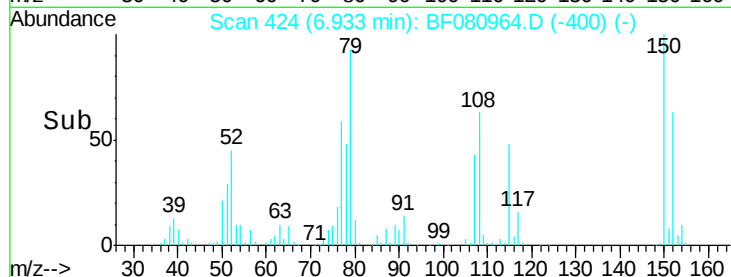
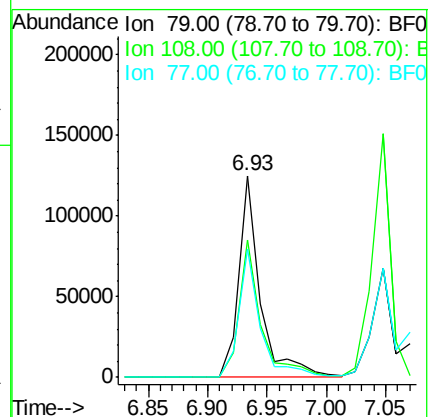
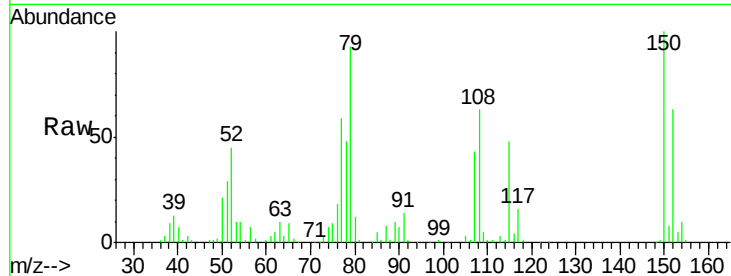
Tot Ion: 79 Resp: 158057

Ion Ratio Lower Upper

79 100

108 68.2 60.9 91.3

77 63.6 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.73 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

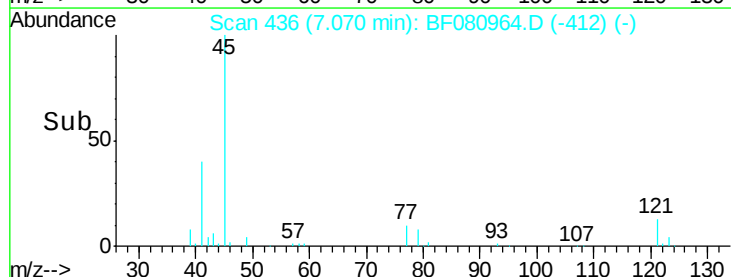
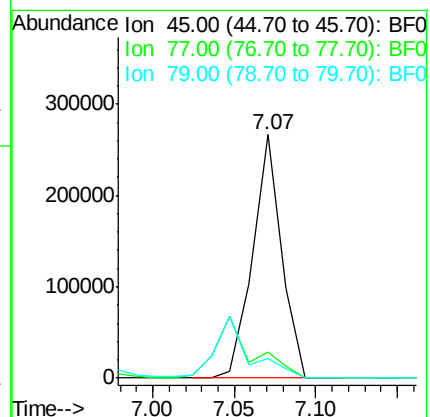
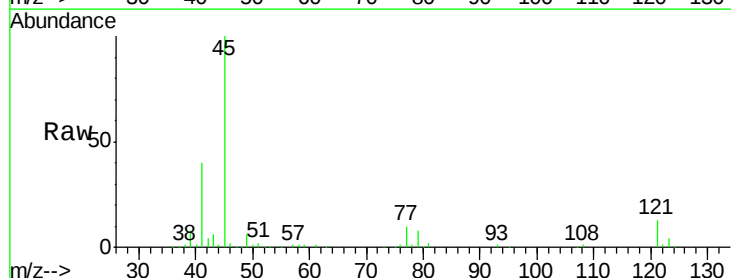
Tgt Ion: 45 Resp: 326779

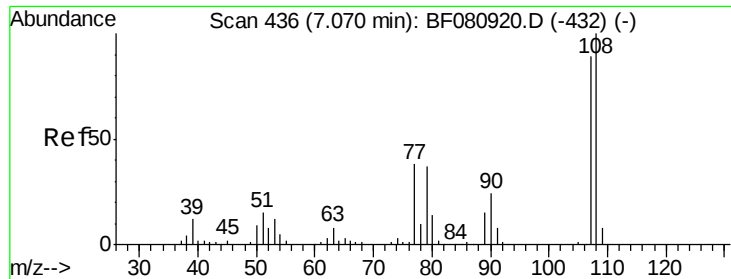
Ion Ratio Lower Upper

45 100

77 10.5 0.0 29.6

79 7.9 0.0 27.7





#17

2-Methylphenol

Concen: 38.13 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

Tot Ion:107 Resp: 141044

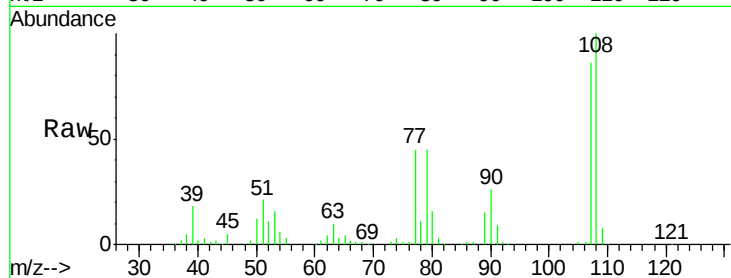
Ion Ratio Lower Upper

107 100

108 116.1 90.3 135.5

77 52.1 34.6 51.8#

79 51.8 33.6 50.4#

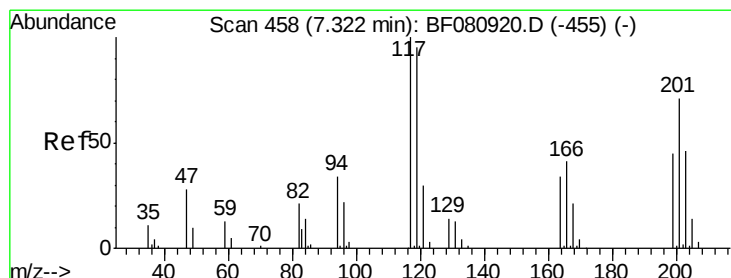
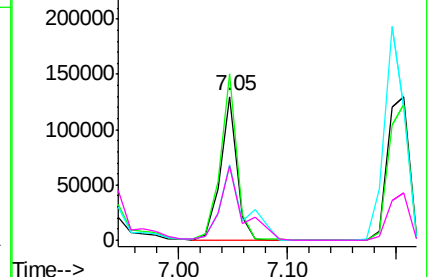
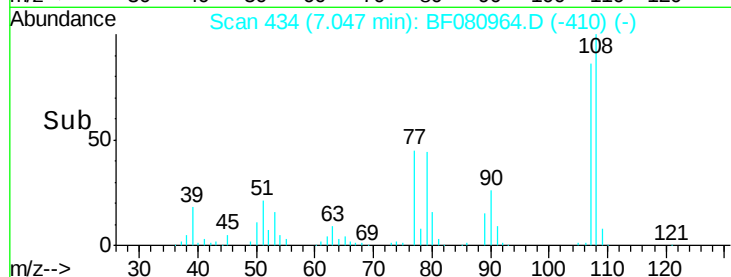


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.87 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

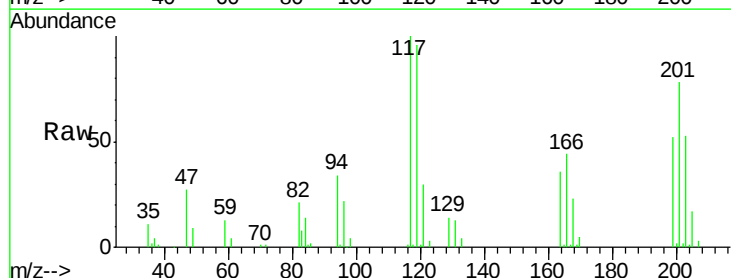
Tgt Ion:117 Resp: 65669

Ion Ratio Lower Upper

117 100

119 96.1 76.3 114.5

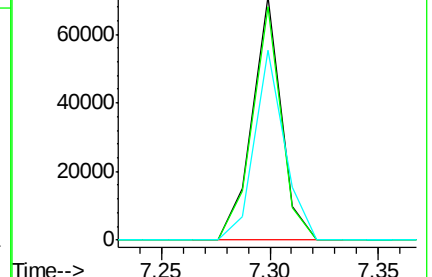
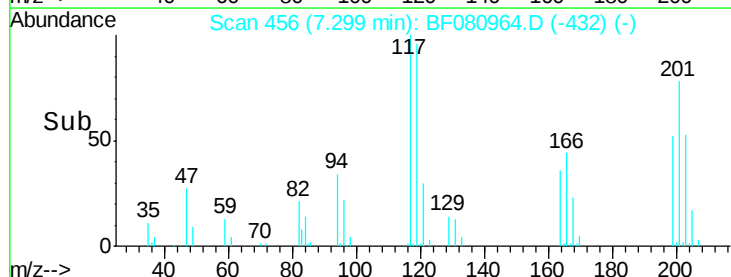
201 78.0 57.0 85.6

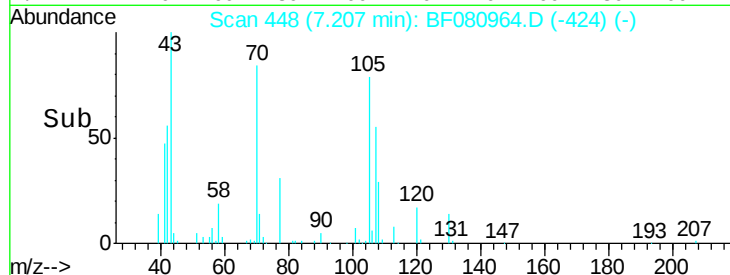
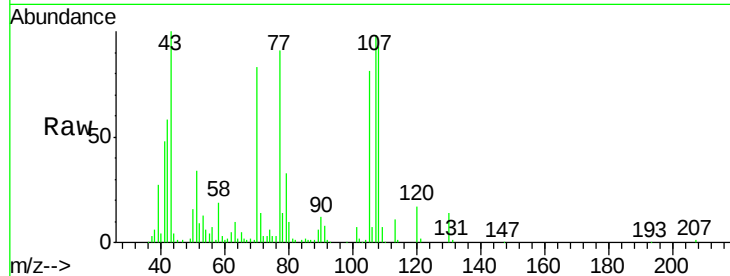
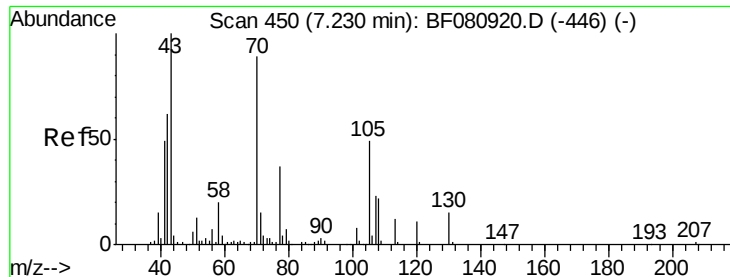


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

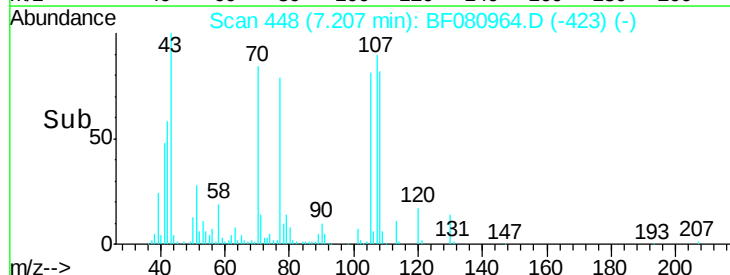
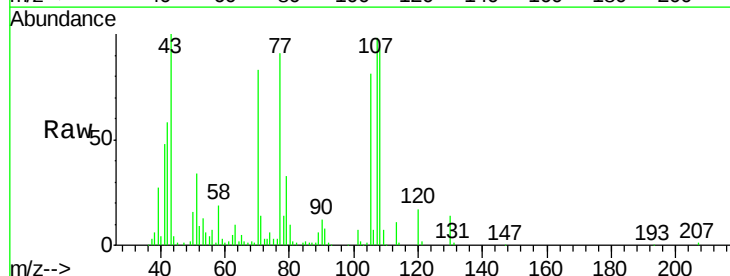
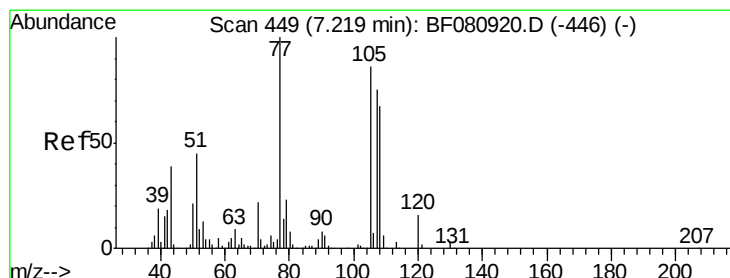
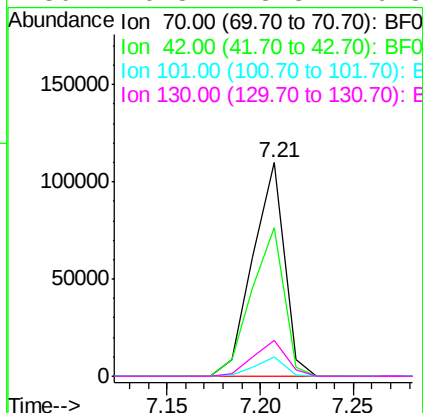




#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

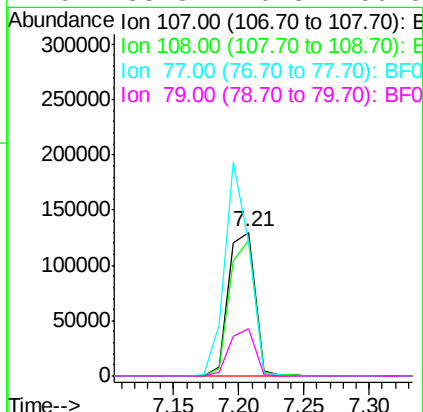
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

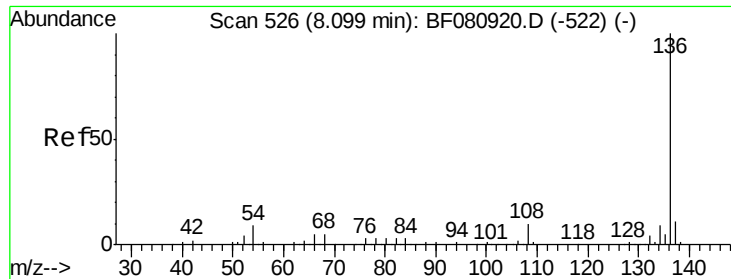
Tot Ion: 70 Resp: 129244
Ion Ratio Lower Upper
70 100
42 69.5 55.7 83.5
101 8.8 7.0 10.6
130 16.8 13.8 20.8



#20
3+4-Methylphenols
Concen: 39.17 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 107 Resp: 181998
Ion Ratio Lower Upper
107 100
108 94.7 69.2 109.2
77 92.6 113.0 153.0#
79 33.3 10.3 50.3

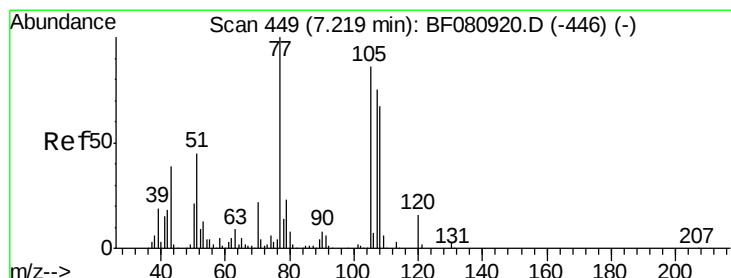
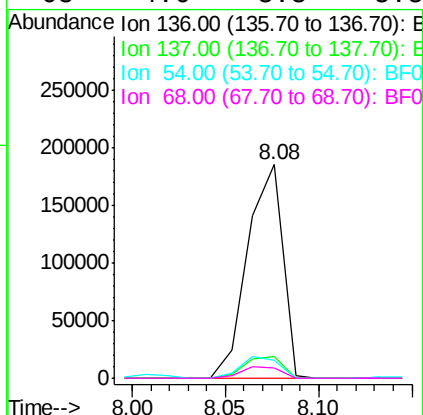
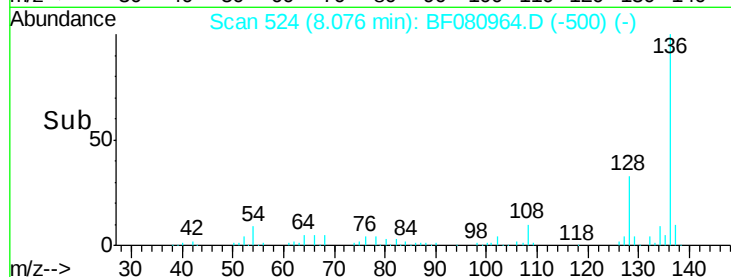
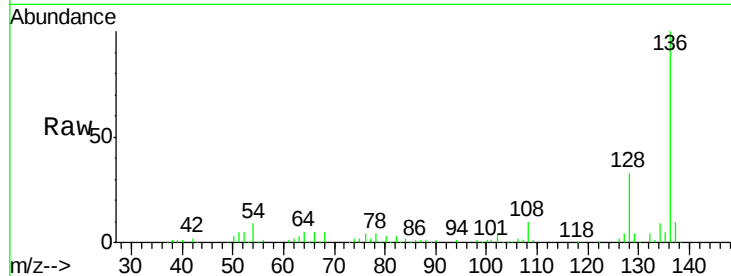




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

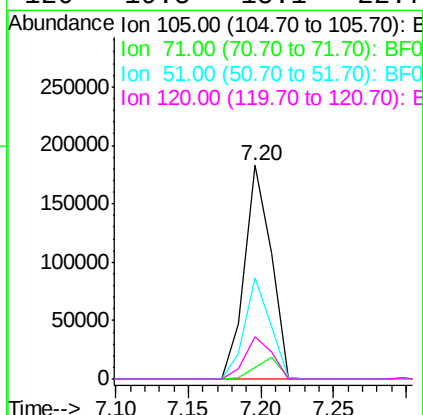
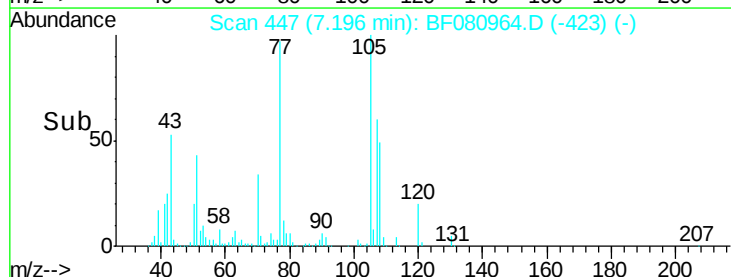
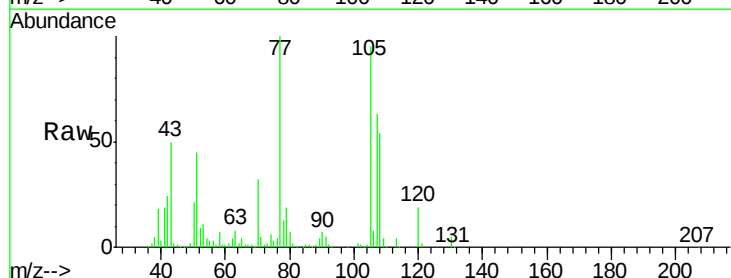
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

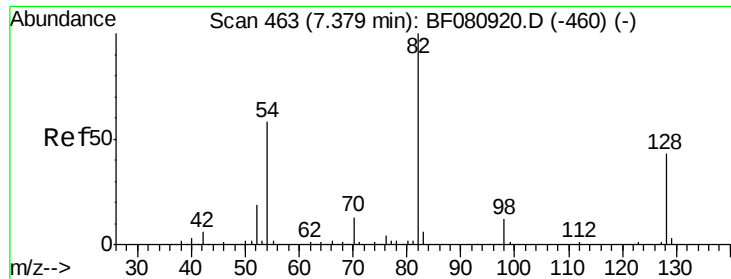
Tot Ion:136	Resp:	242429
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	8.5	7.1 10.7
68	4.6	3.8 5.8



#22
Acetophenone
Concen: 39.18 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:105	Resp:	232765
Ion Ratio	Lower	Upper
105	100	
71	5.3	3.3 4.9#
51	47.6	41.8 62.6
120	19.5	15.1 22.7

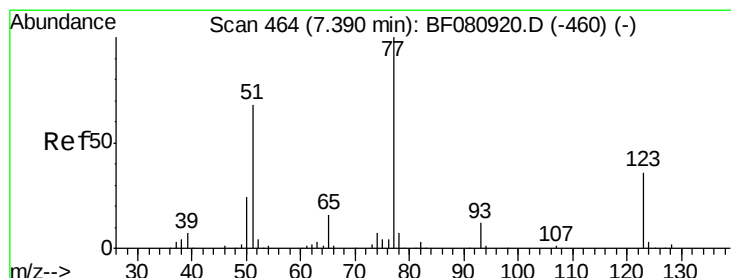
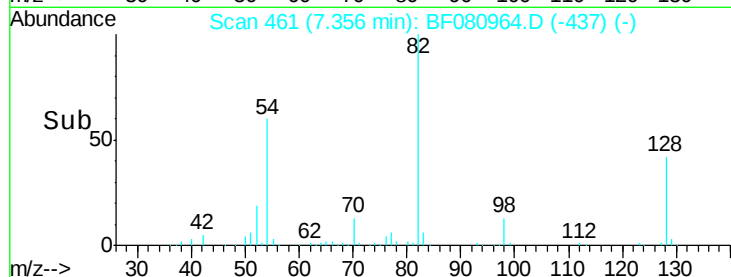
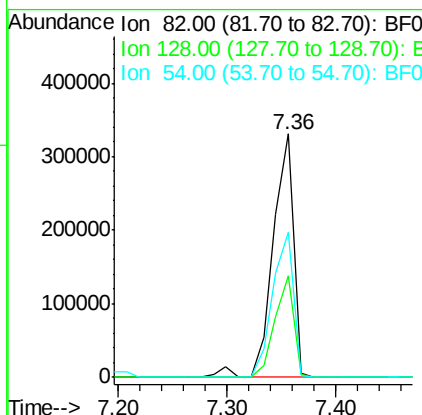
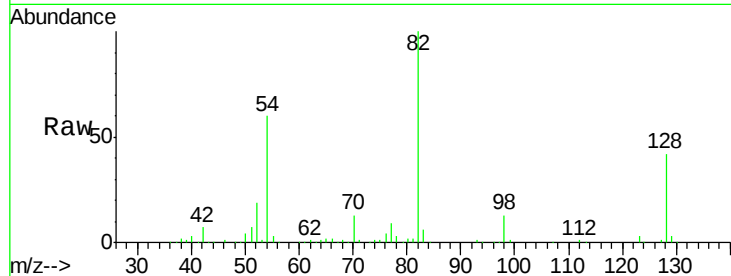




#23
 Nitrobenzene-d5
 Concen: 85.00 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

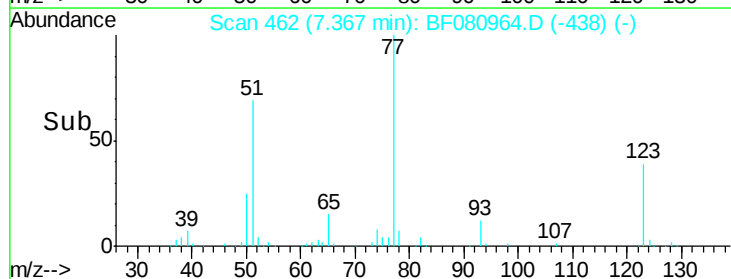
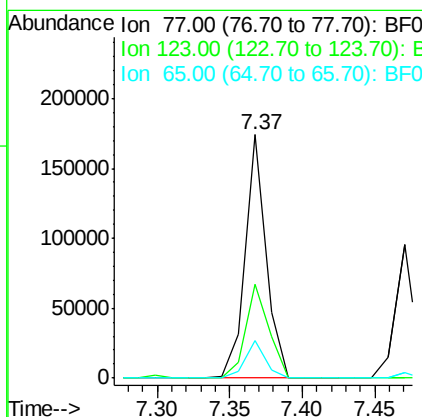
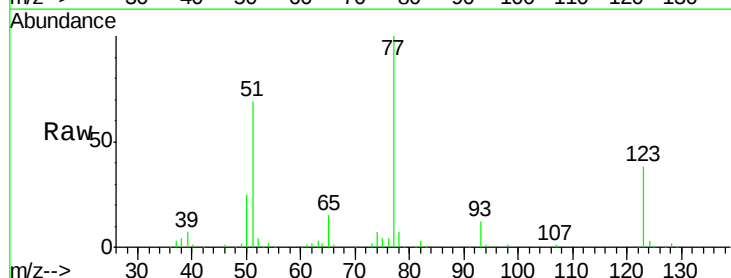
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	82	Resp	435659
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.1	51.1
54	59.7	46.5	69.7



#24
 Nitrobenzene
 Concen: 33.22 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	77	Resp	175325
Ion Ratio	Lower	Upper	
77	100		
123	38.4	28.7	43.1
65	15.4	12.5	18.7





#25

Isophorone

Concen: 35.93 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

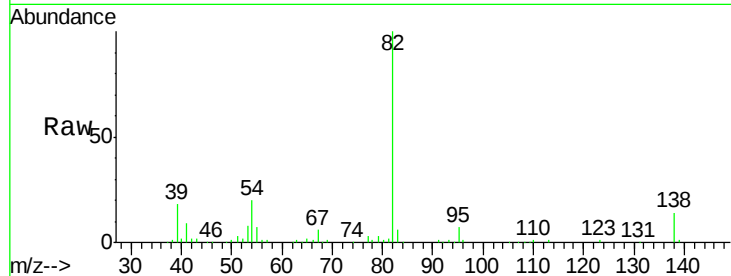
Tot Ion: 82 Resp: 354149

Ion Ratio Lower Upper

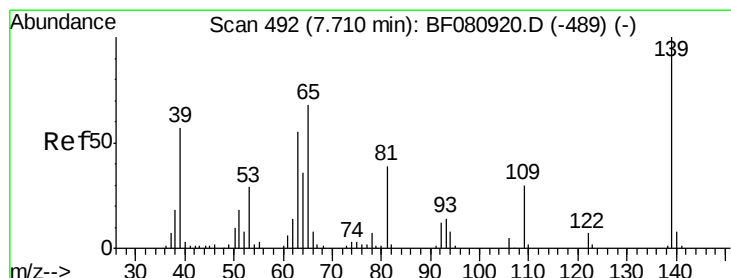
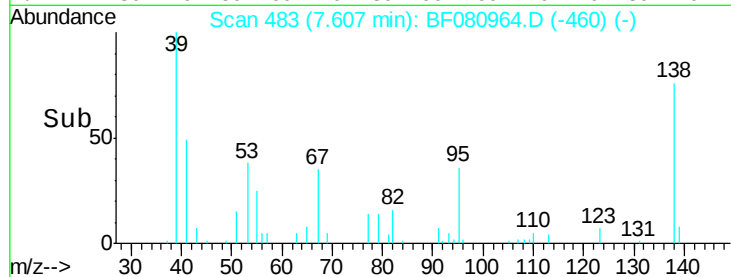
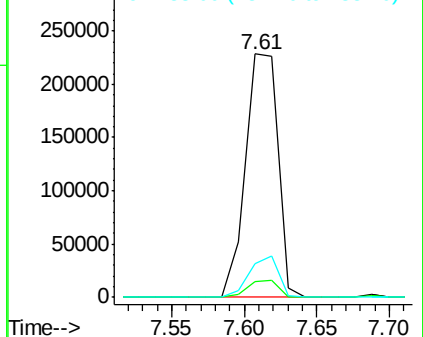
82 100

95 6.5 5.8 8.6

138 13.6 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.27 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

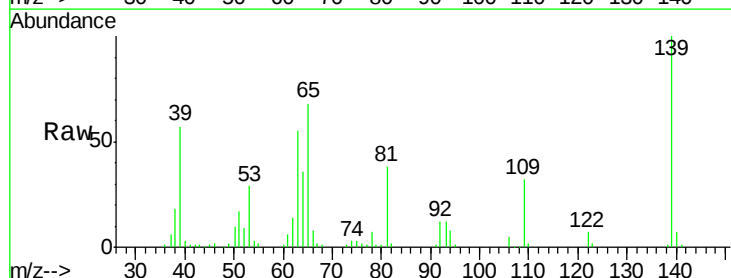
Tgt Ion: 139 Resp: 84982

Ion Ratio Lower Upper

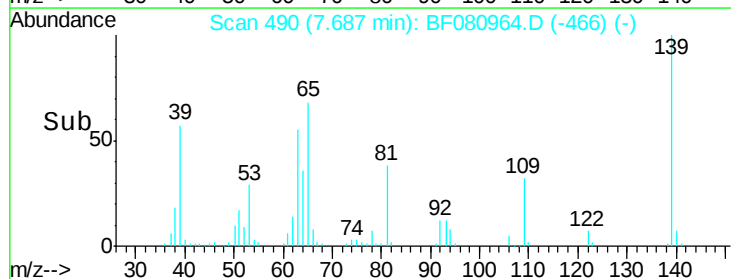
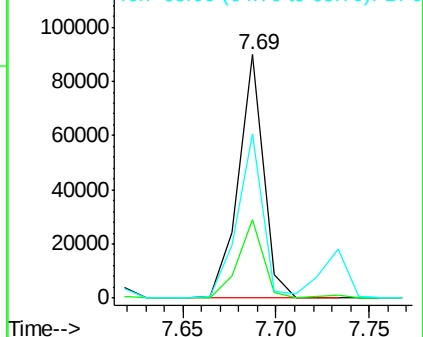
139 100

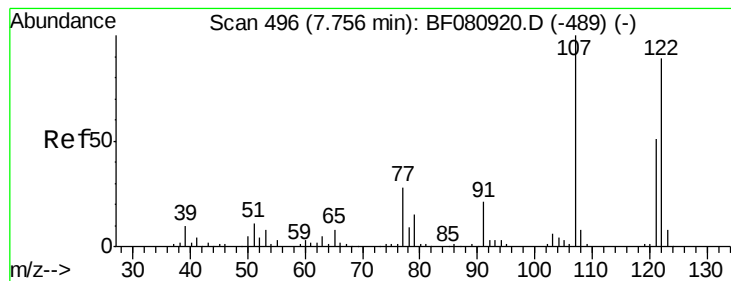
109 32.3 24.1 36.1

65 67.6 54.0 81.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.66 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

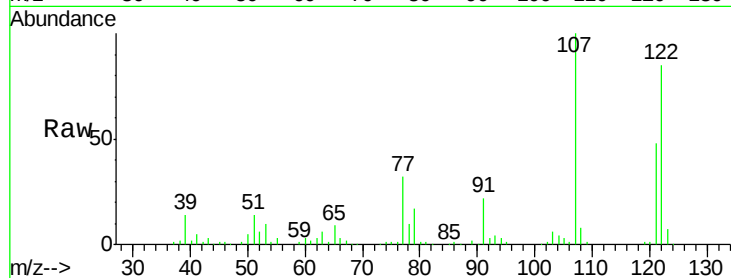
Tot Ion:122 Resp: 169015

Ion Ratio Lower Upper

122 100

107 117.5 90.2 135.4

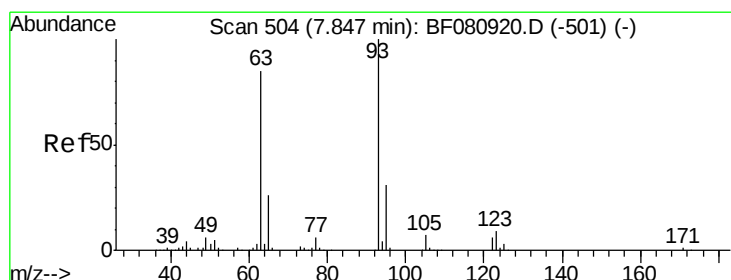
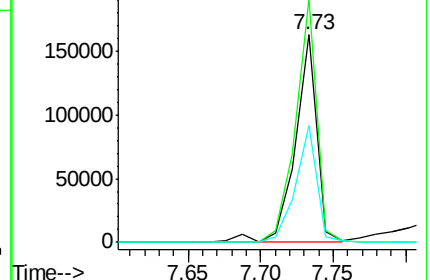
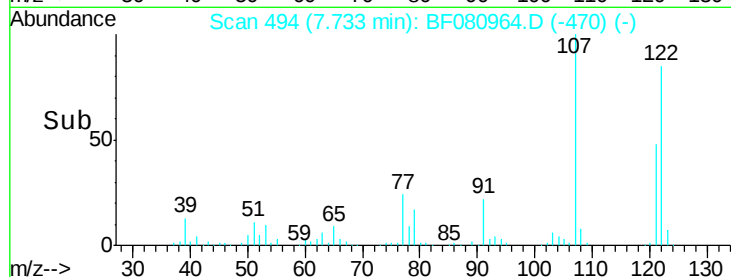
121 56.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.93 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

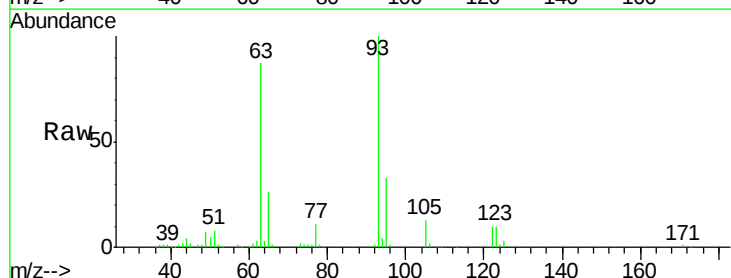
Tgt Ion: 93 Resp: 200778

Ion Ratio Lower Upper

93 100

95 33.2 25.0 37.4

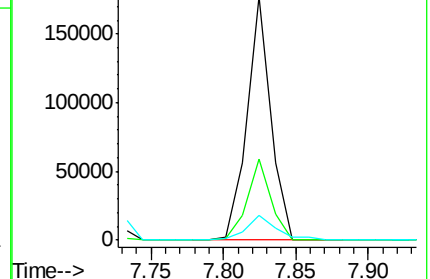
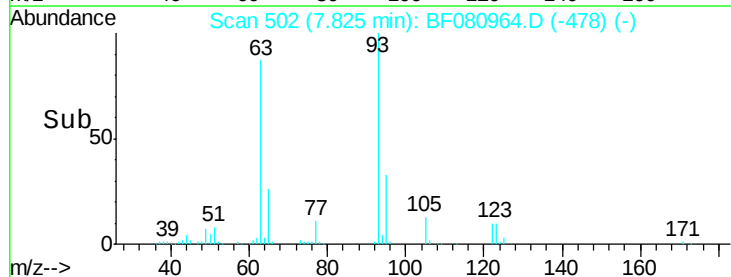
123 10.1 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

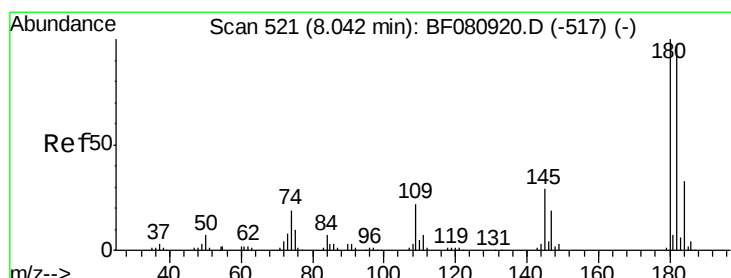
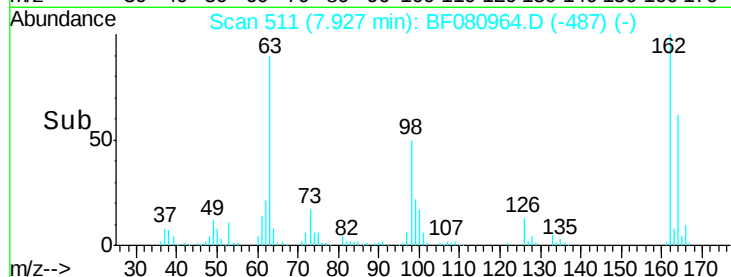
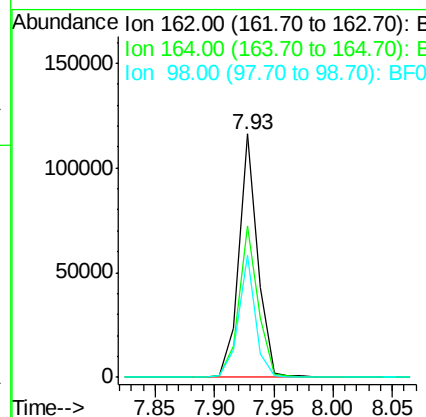
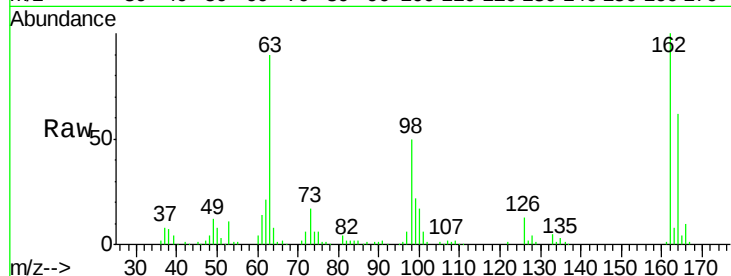




#29
 2,4-Dichlorophenol
 Concen: 37.69 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

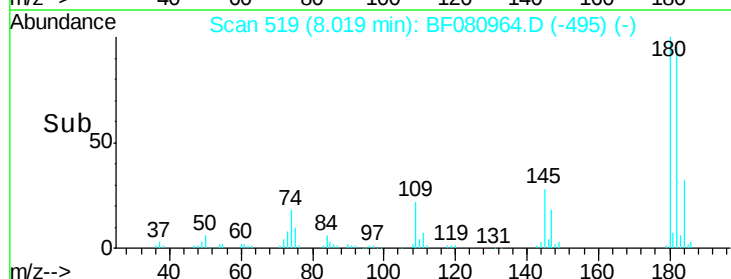
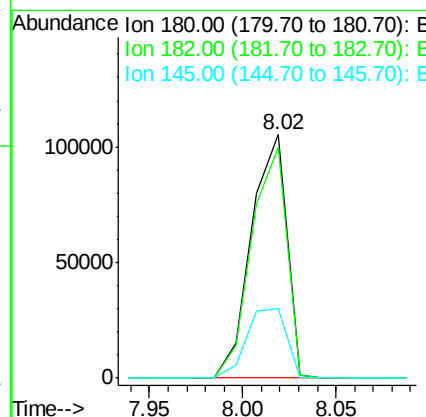
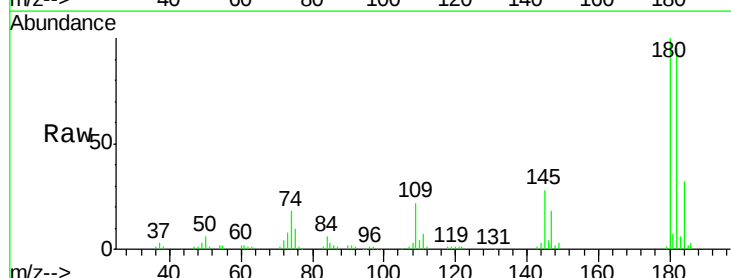
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

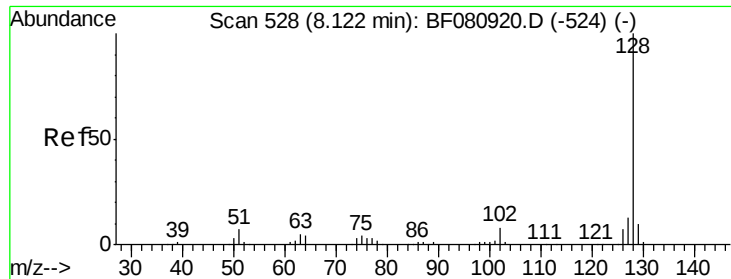
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.3	82.3
98	50.3	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.04 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.4	116.0
145	28.5	23.2	34.8

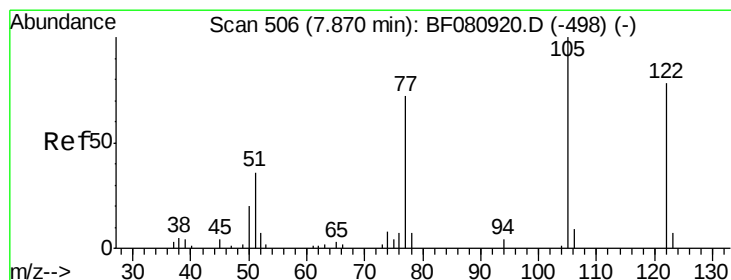
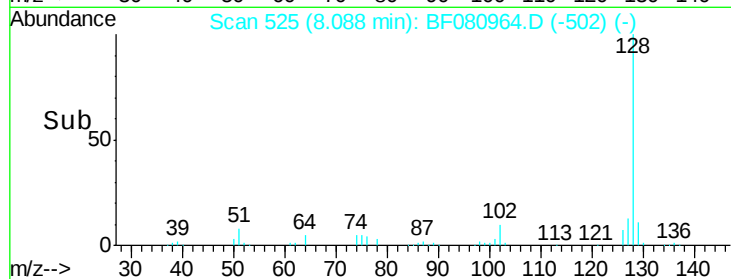
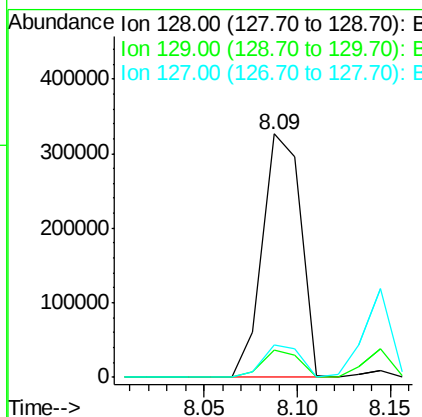
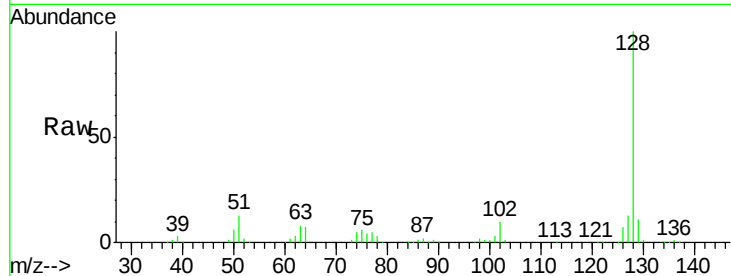




#31
Naphthalene
Concen: 35.24 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

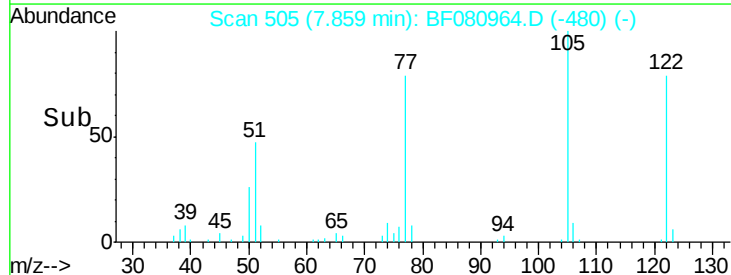
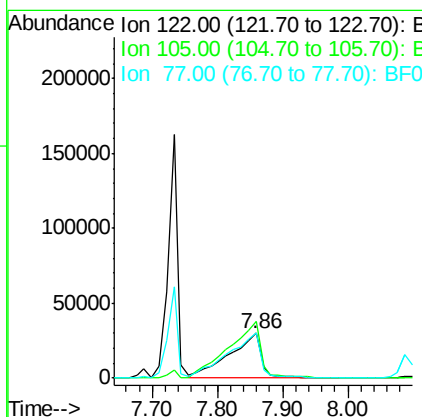
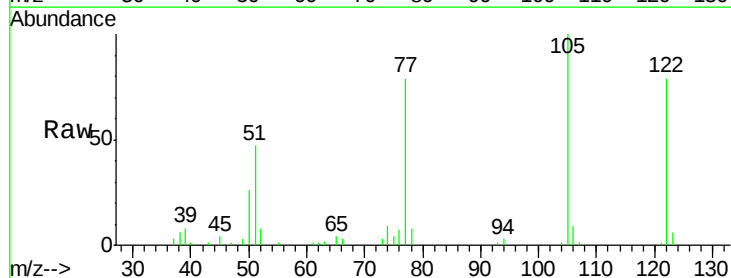
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:128 Resp: 470853
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 40.27 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:122 Resp: 100213
Ion Ratio Lower Upper
122 100
105 127.2 103.6 143.6
77 101.0 70.4 110.4

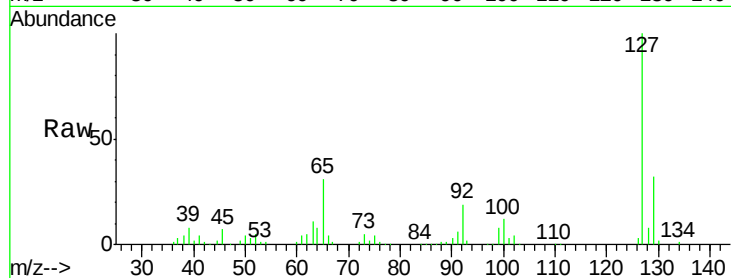




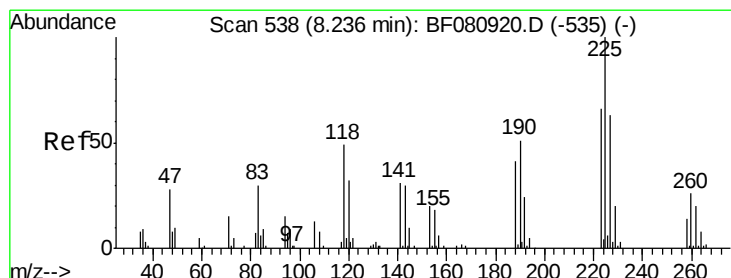
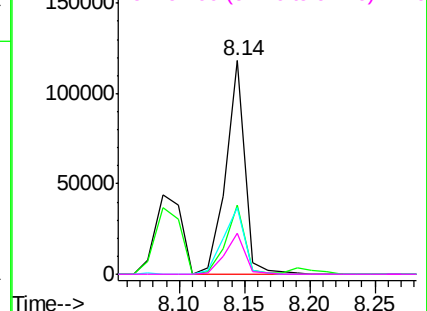
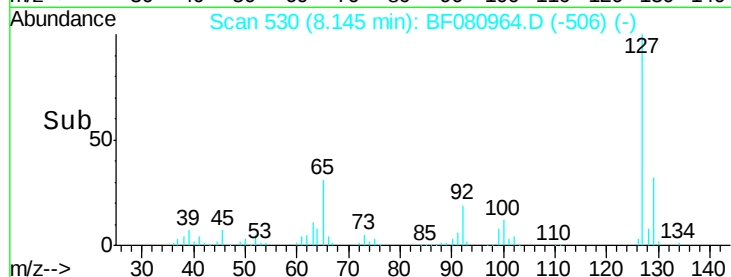
#33
4-Chloroaniline
Concen: 22.23 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:	127	Resp:	120739
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	31.1	30.6	45.8
92	19.1	16.9	25.3

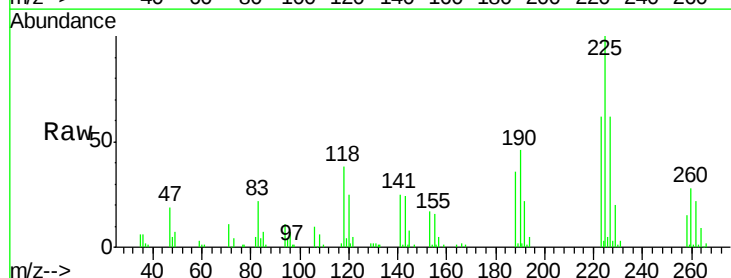


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

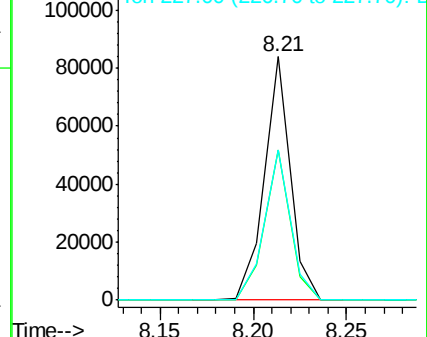
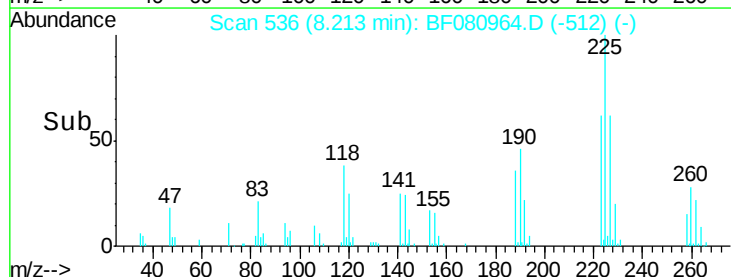


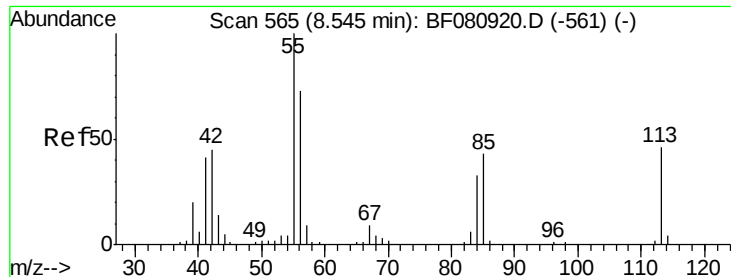
#34
Hexachlorobutadiene
Concen: 36.27 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:	225	Resp:	80583
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.5	78.7
227	61.9	50.3	75.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.86 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

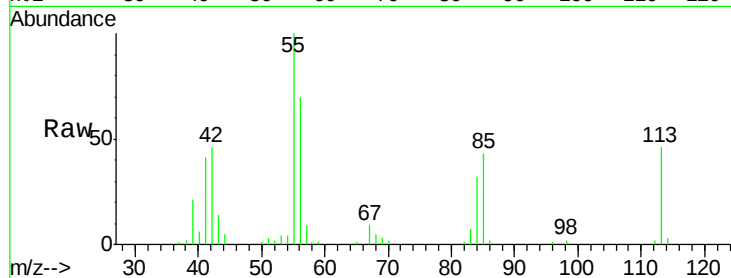
Tot Ion:113 Resp: 31781

Ion Ratio Lower Upper

113 100

55 215.5 196.4 236.4

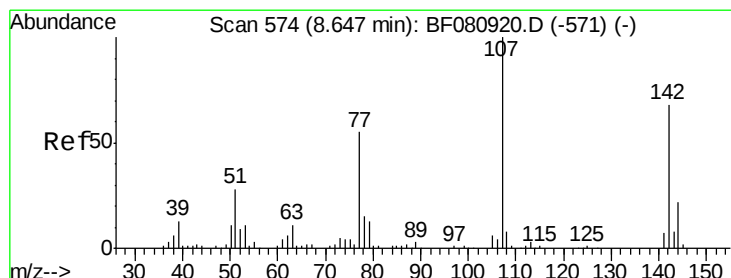
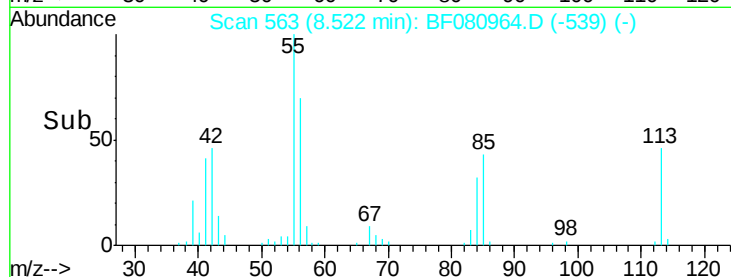
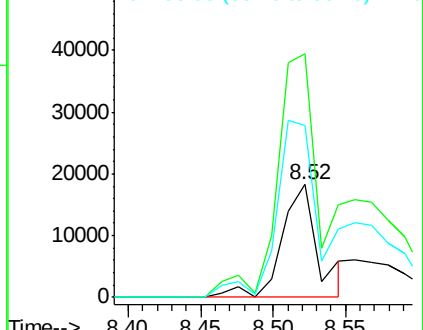
56 151.8 137.9 177.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.41 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

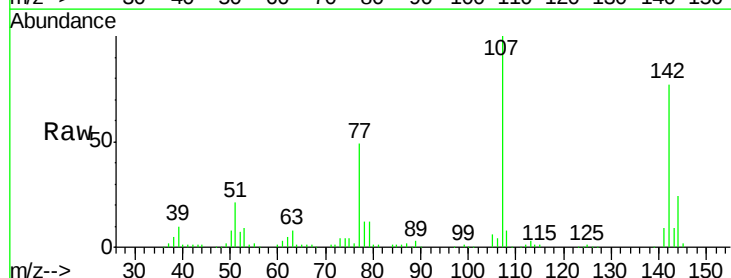
Tgt Ion:107 Resp: 164285

Ion Ratio Lower Upper

107 100

144 24.3 17.3 25.9

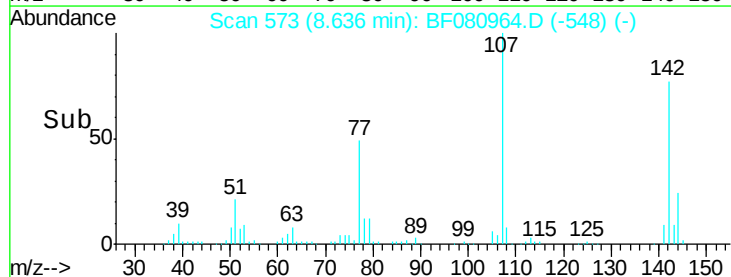
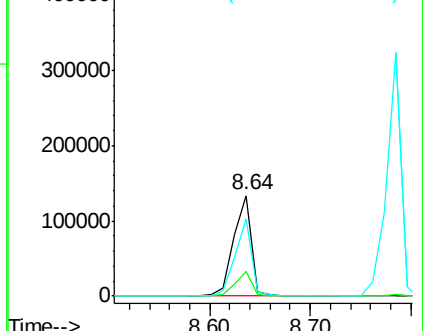
142 76.7 54.4 81.6

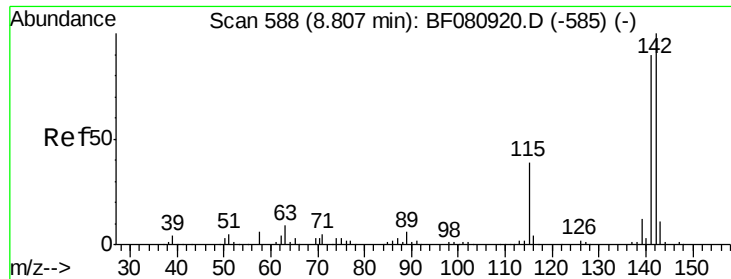


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

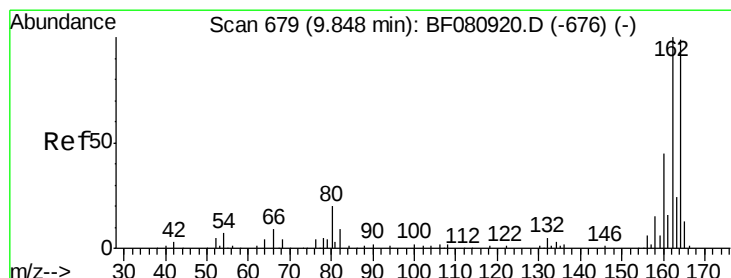
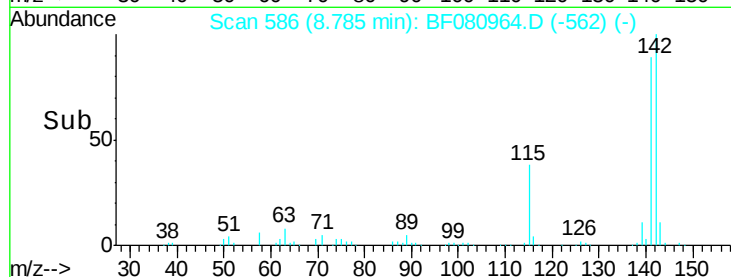
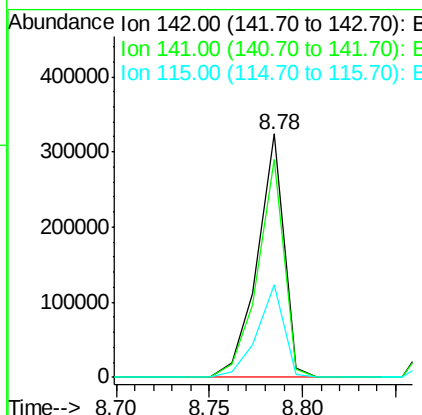
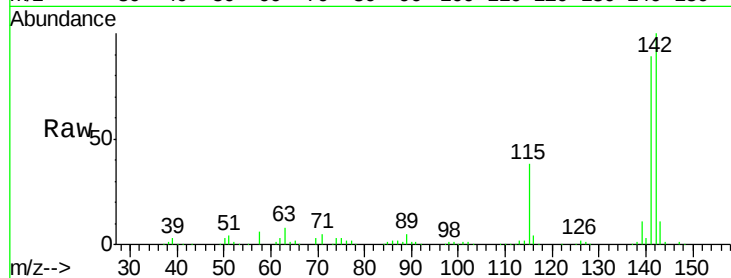




#37
 2-Methylnaphthalene
 Concen: 37.62 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

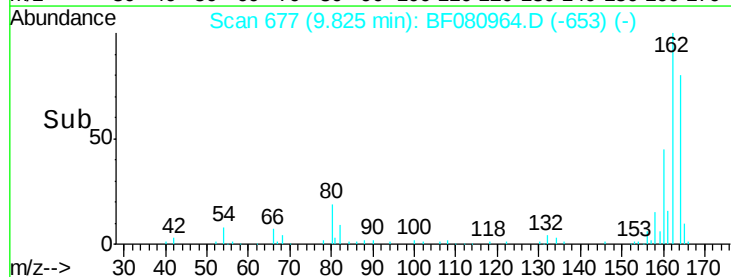
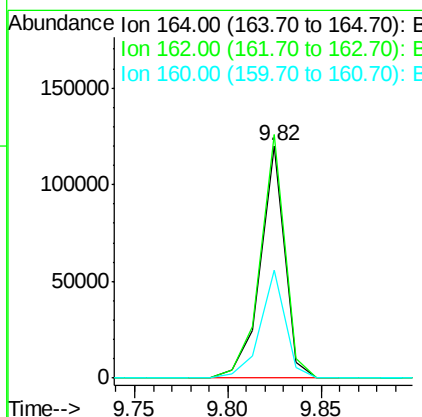
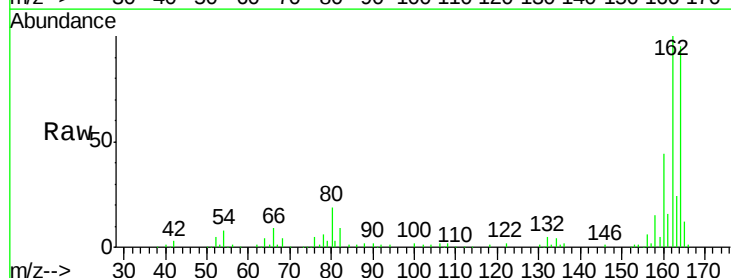
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

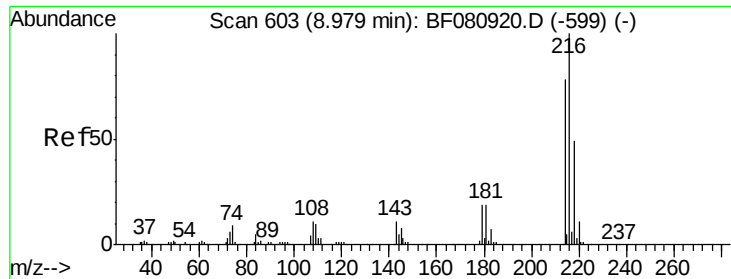
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	37.9	30.9	46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.5	120.7
160	46.6	36.6	54.8

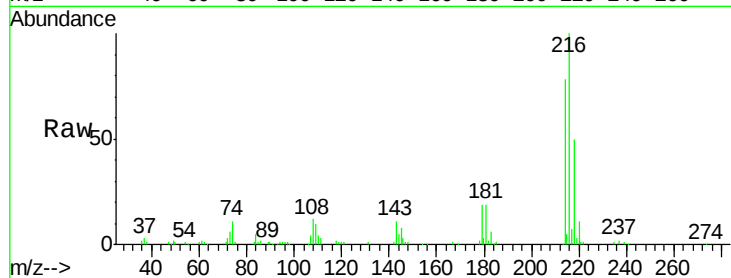




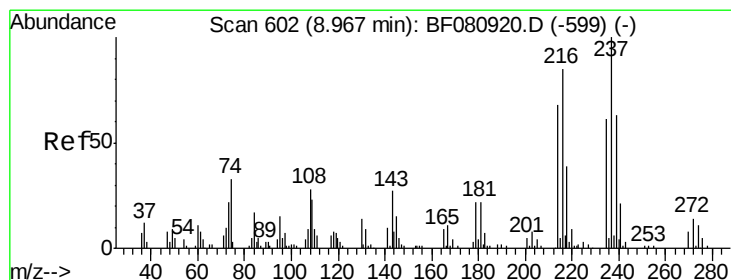
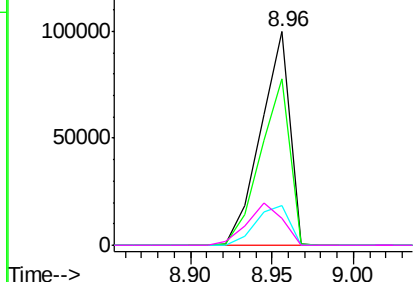
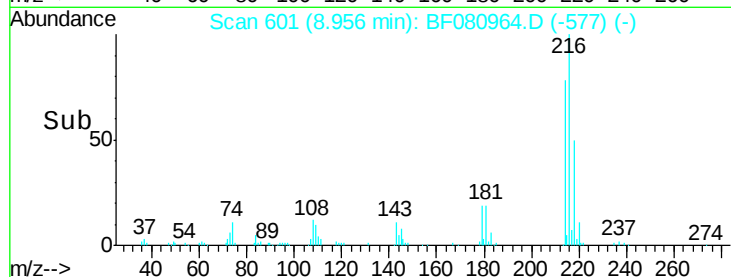
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.47 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:216	Resp:	124224
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.0 94.4
179	21.4	17.2 25.8
108	23.4	16.1 24.1

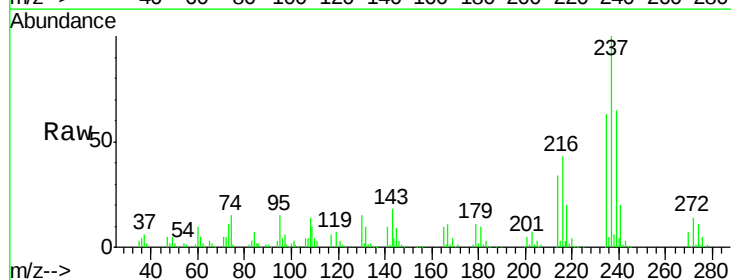


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

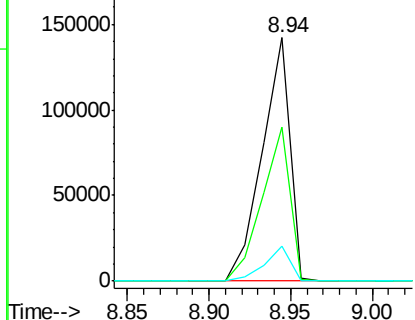
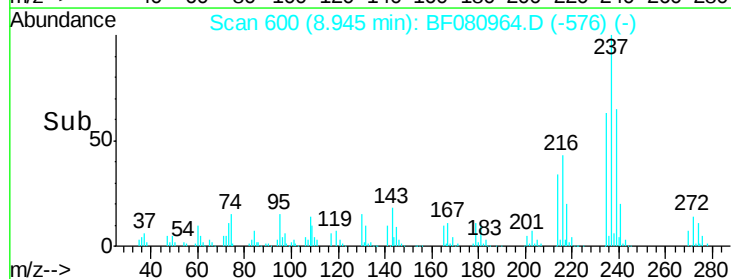


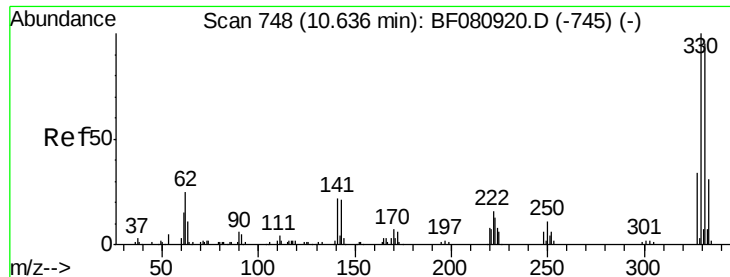
#40
 Hexachlorocyclopentadiene
 Concen: 93.53 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:237	Resp:	169199
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.3 81.3
272	14.2	0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

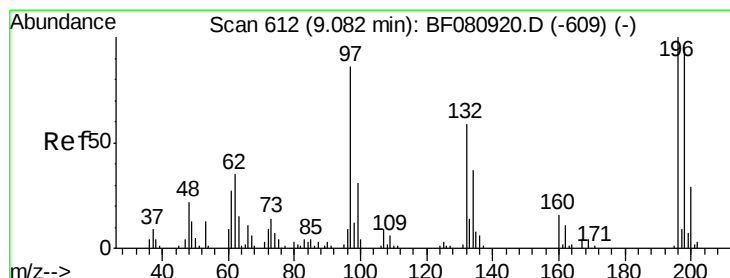
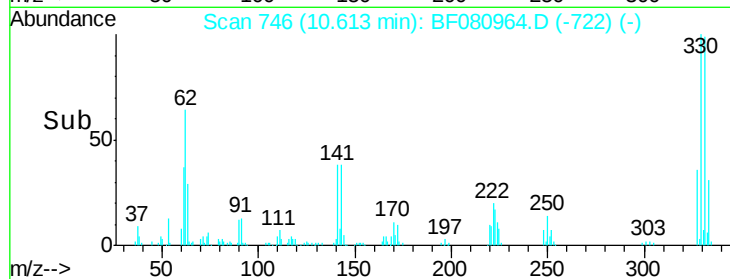
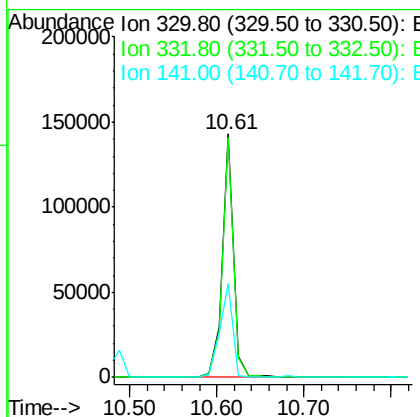
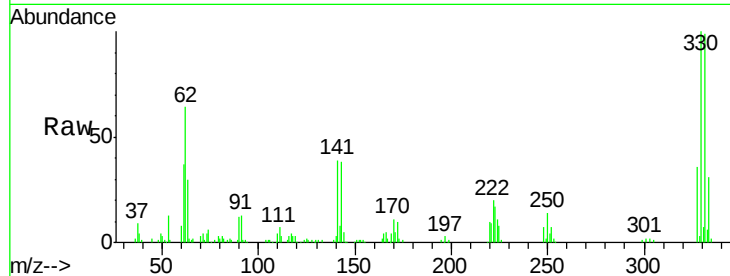




#41
 2,4,6-Tribromophenol
 Concen: 111.71 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

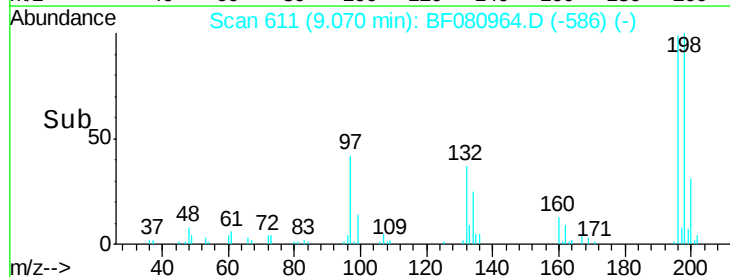
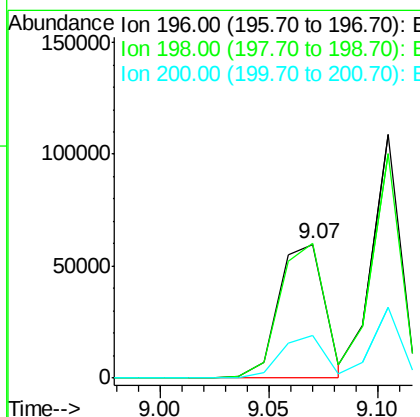
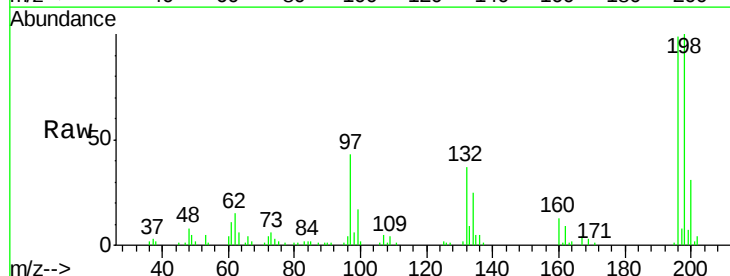
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

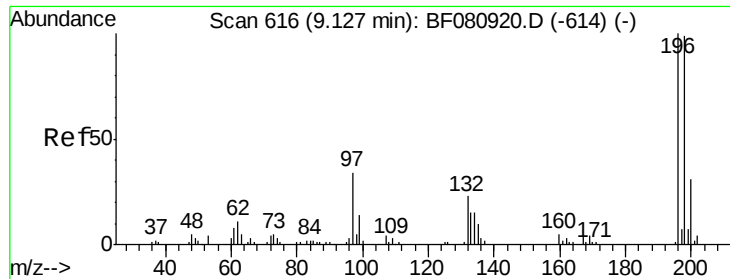
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.2	114.4
141	44.3	27.8	41.8#



#42
 2,4,6-Trichlorophenol
 Concen: 36.52 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	75.9	113.9
200	31.5	23.1	34.7

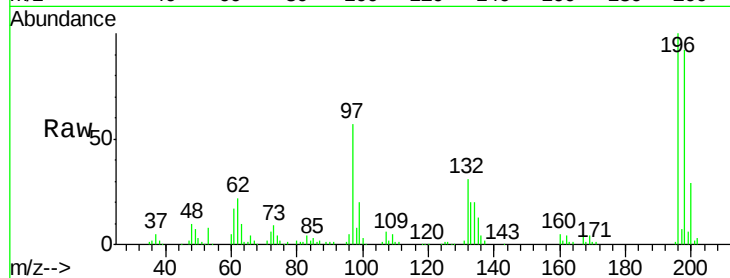




#43
 2,4,5-Trichlorophenol
 Concen: 42.11 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	78.9	118.3
97	56.8	29.1	43.7#
132	30.9	19.1	28.7#



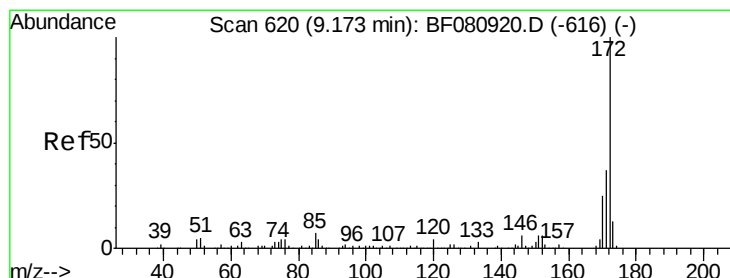
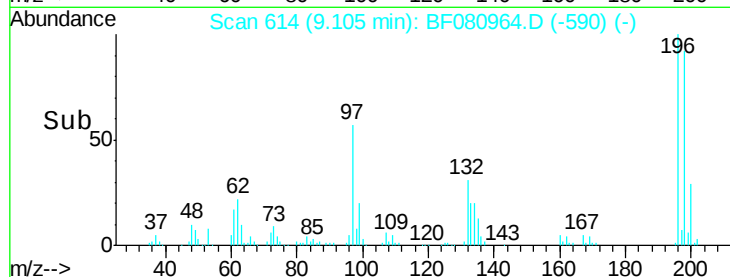
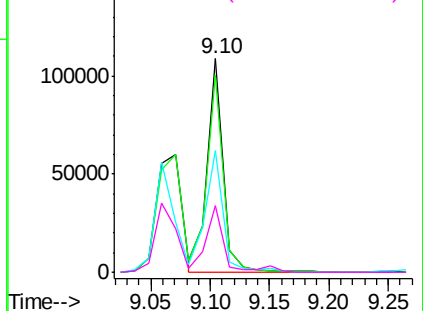
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

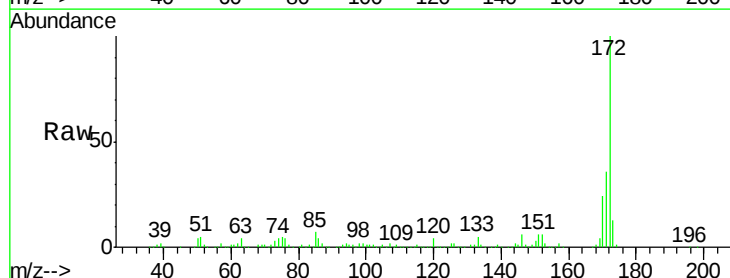
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.23 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	19.7	29.5

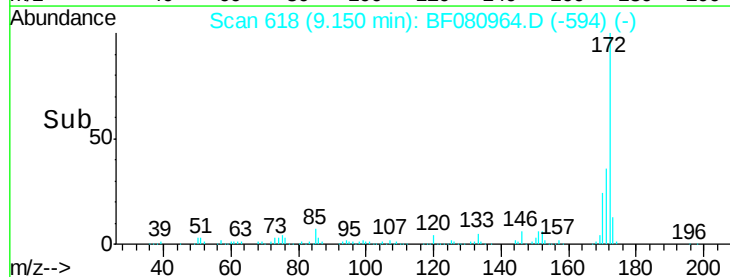
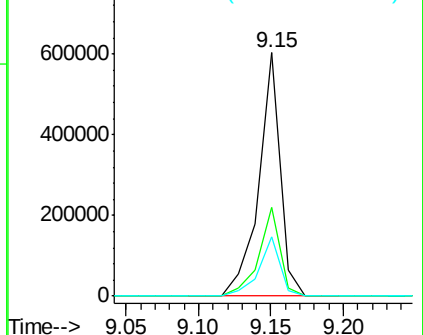


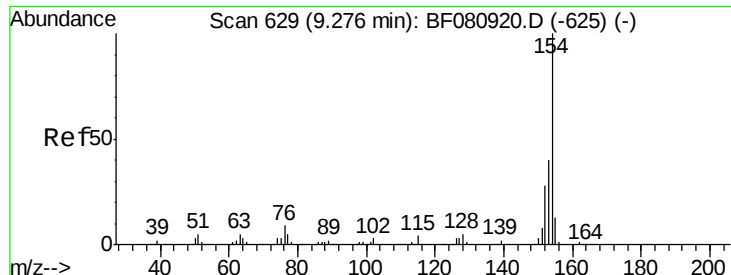
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.47 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

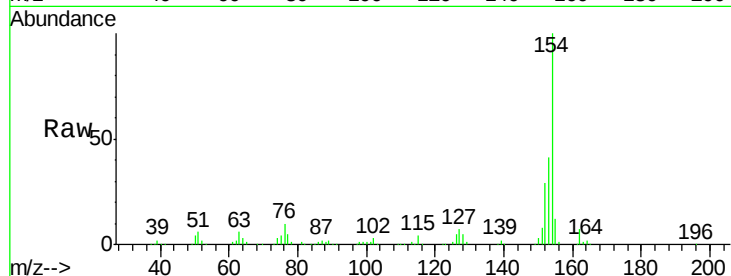
Tot Ion:154 Resp: 391981

Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

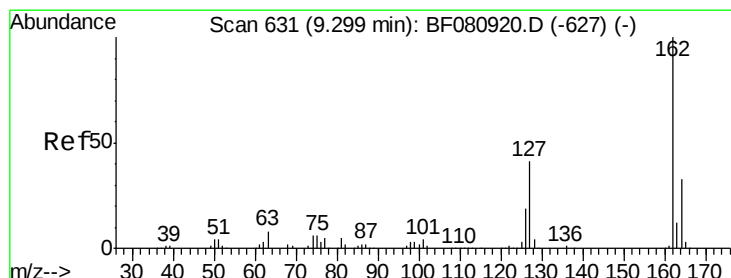
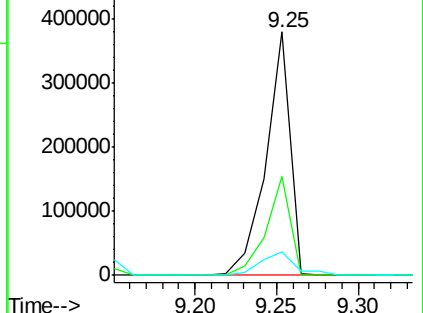
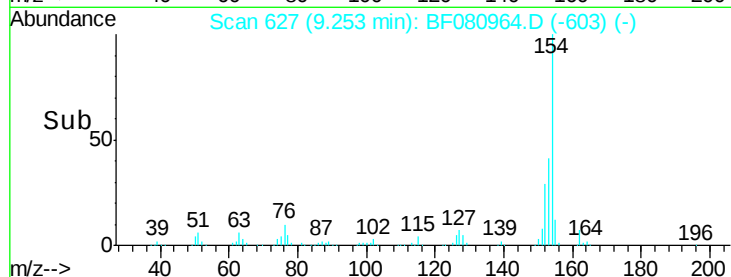
76 9.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.13 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

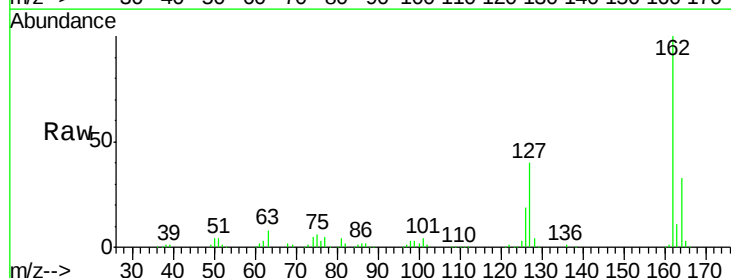
Tgt Ion:162 Resp: 281592

Ion Ratio Lower Upper

162 100

127 40.3 32.5 48.7

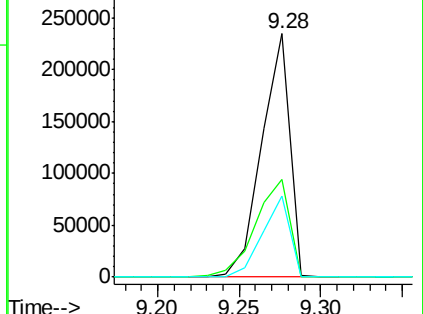
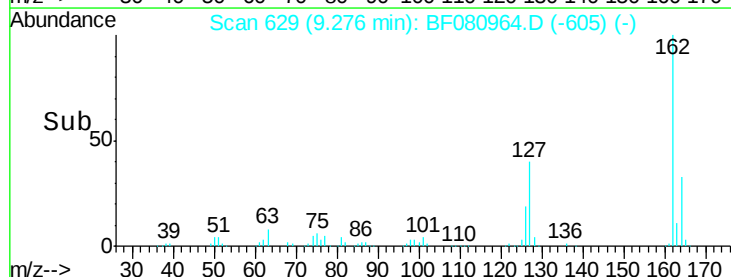
164 33.2 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

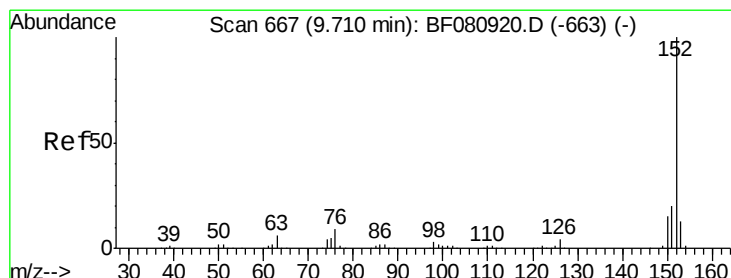
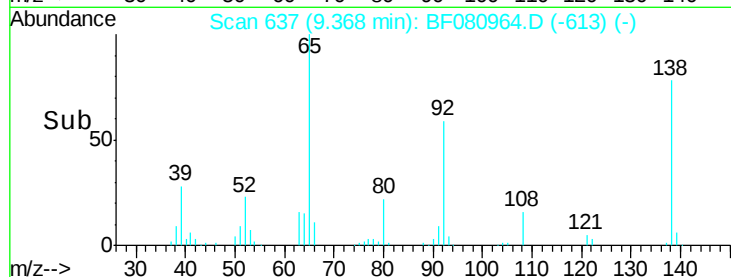
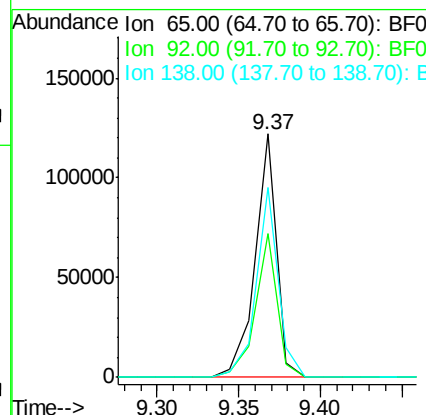
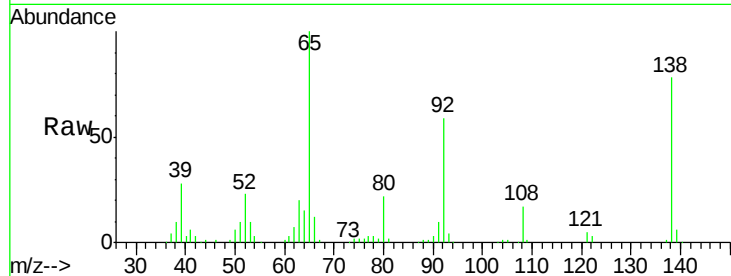




#47
2-Nitroaniline
Concen: 38.52 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

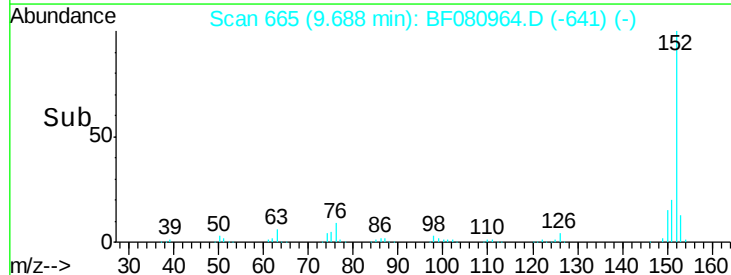
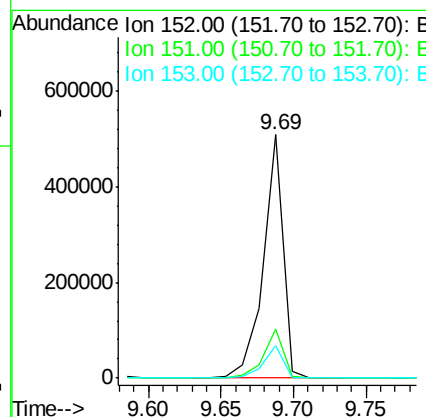
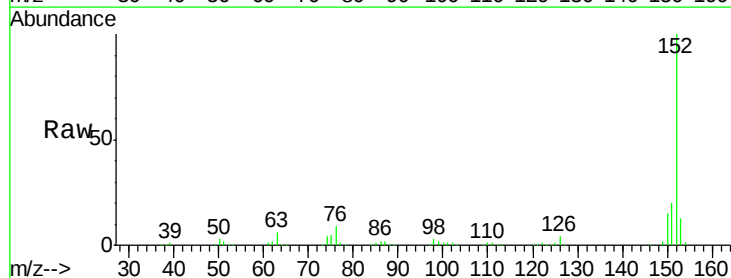
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

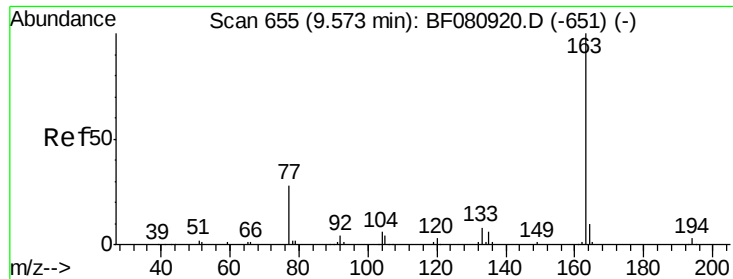
Tot Ion: 65 Resp: 111130
Ion Ratio Lower Upper
65 100
92 59.2 48.0 72.0
138 78.0 66.1 99.1



#48
Acenaphthylene
Concen: 38.43 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 152 Resp: 480695
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.2 10.5 15.7

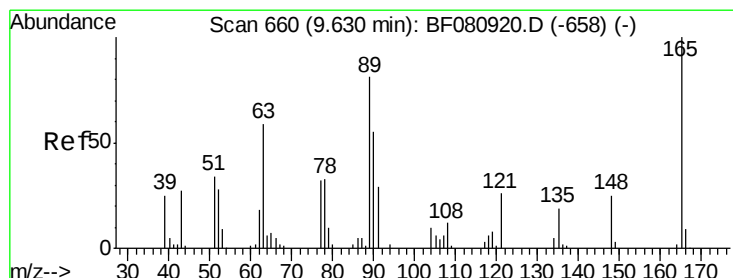
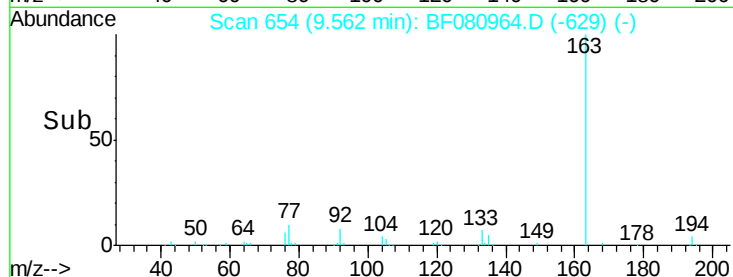
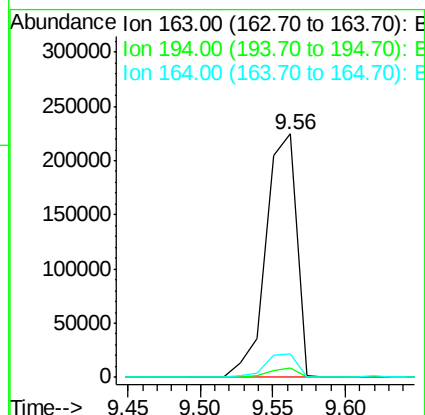
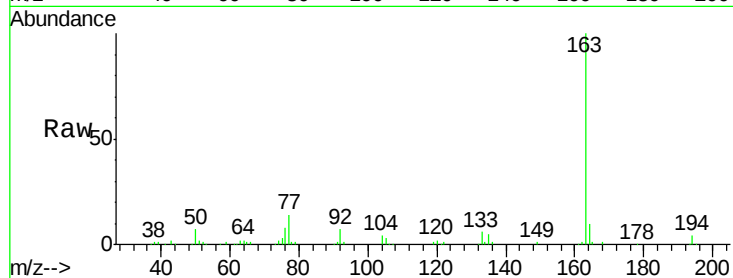




#49
Dimethylphthalate
Concen: 36.86 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

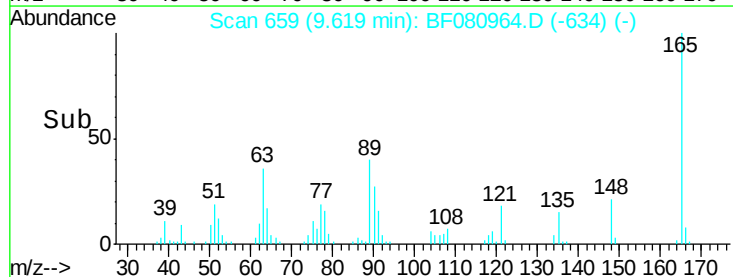
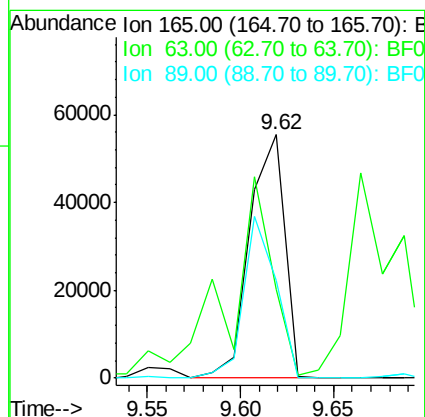
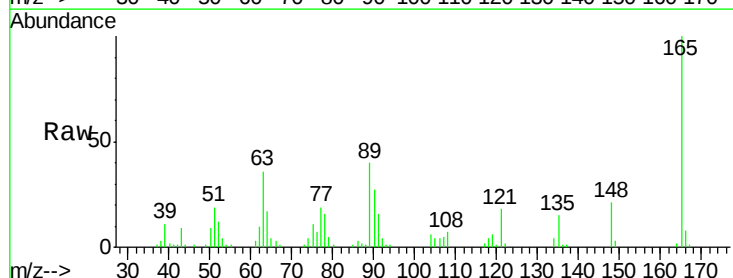
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

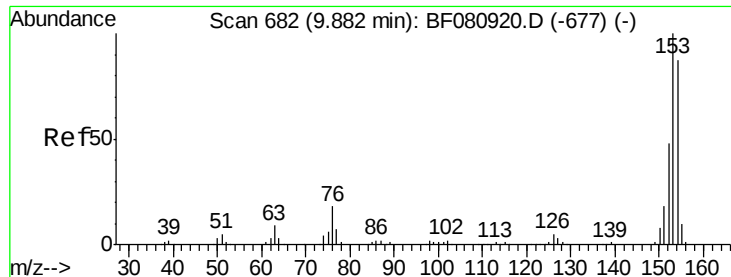
Tot Ion:163 Resp: 329272
Ion Ratio Lower Upper
163 100
194 3.9 2.4 3.6#
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 38.96 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:165 Resp: 71906
Ion Ratio Lower Upper
165 100
63 36.5 77.6 116.4#
89 40.4 64.5 96.7#

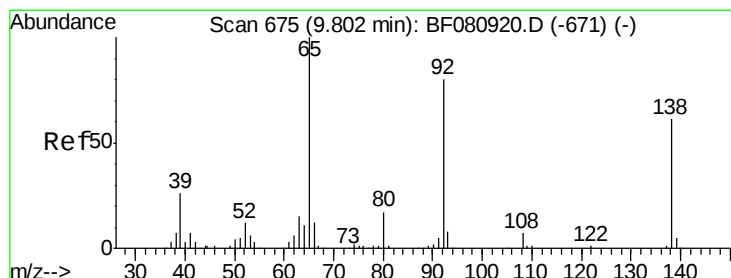
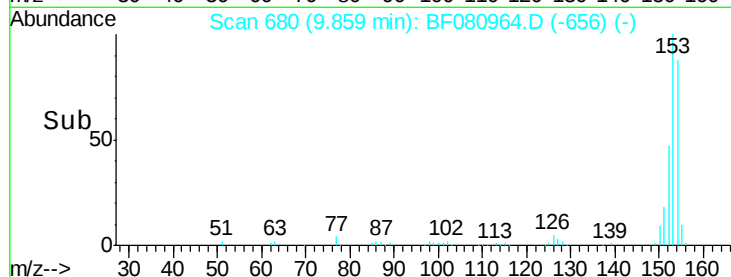
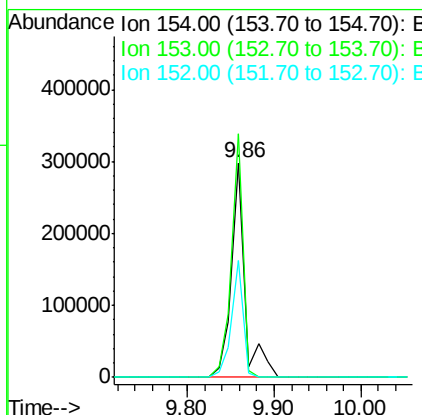
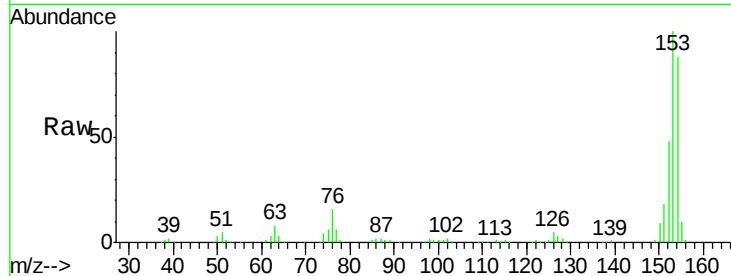




#51
Acenaphthene
Concen: 42.65 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

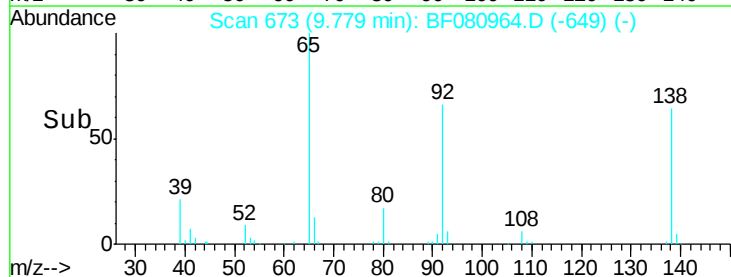
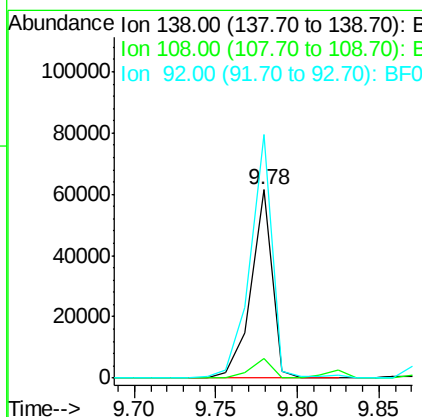
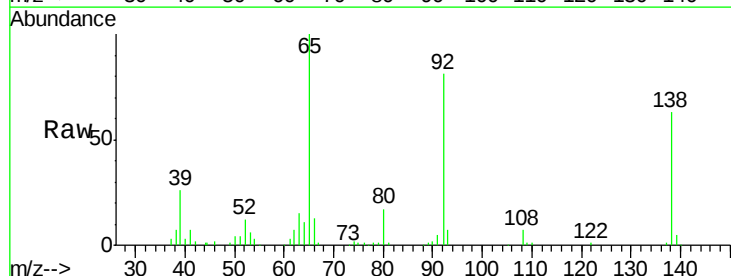
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

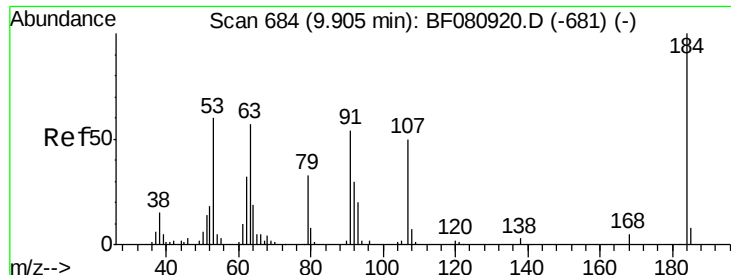
Tot Ion:154 Resp: 326773
Ion Ratio Lower Upper
154 100
153 113.6 91.4 137.2
152 54.6 44.2 66.4



#52
3-Nitroaniline
Concen: 24.29 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:138 Resp: 55271
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 129.4 104.4 156.6

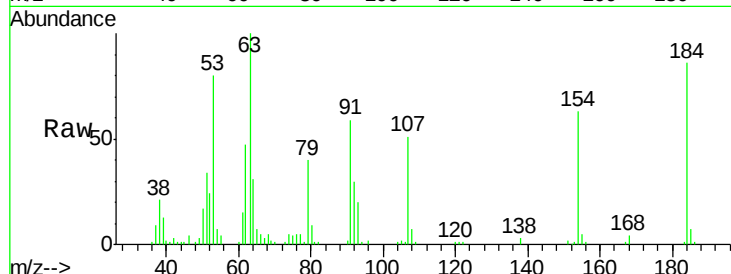




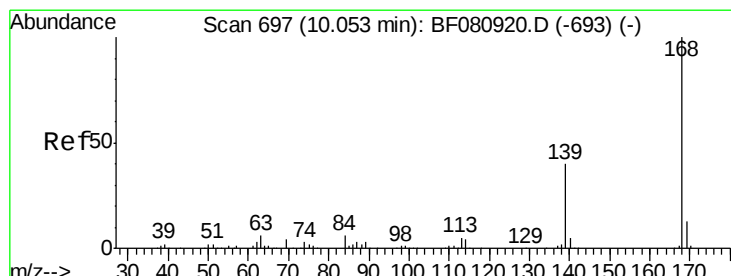
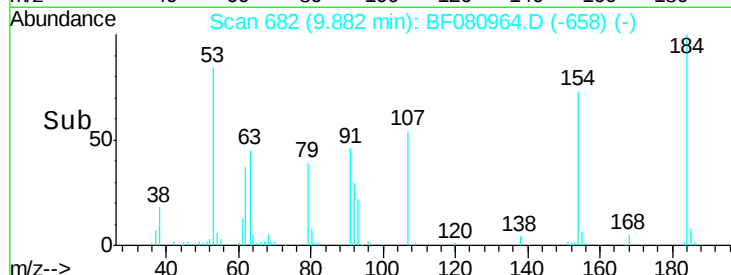
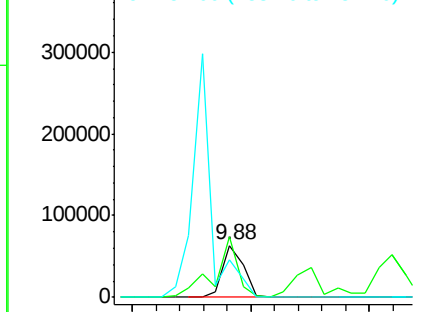
#53
 2,4-Dinitrophenol
 Concen: 70.84 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:184 Resp: 78565
 Ion Ratio Lower Upper
 184 100
 63 116.9 59.7 89.5#
 154 73.4 53.8 80.8

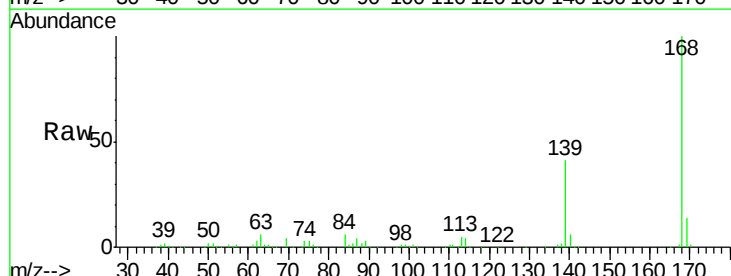


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

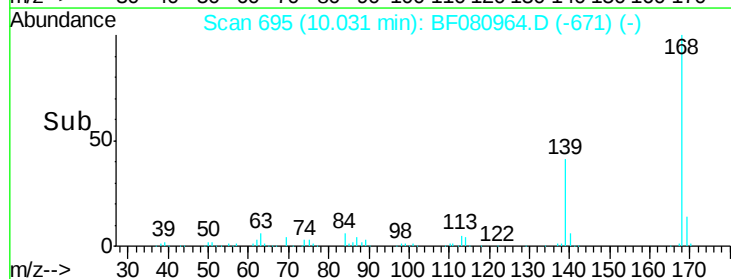
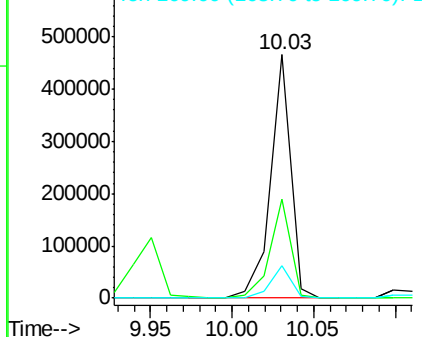


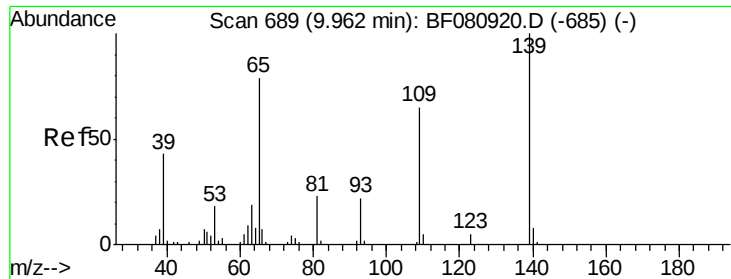
#54
 Dibenzofuran
 Concen: 39.01 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:168 Resp: 404098
 Ion Ratio Lower Upper
 168 100
 139 40.9 31.9 47.9
 169 13.5 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 81.71 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

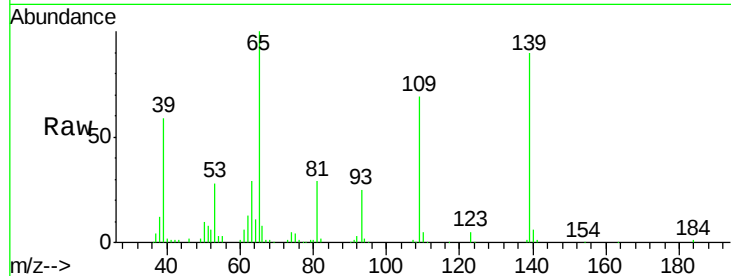
Tot Ion:139 Resp: 139160

Ion Ratio Lower Upper

139 100

109 77.0 44.7 84.7

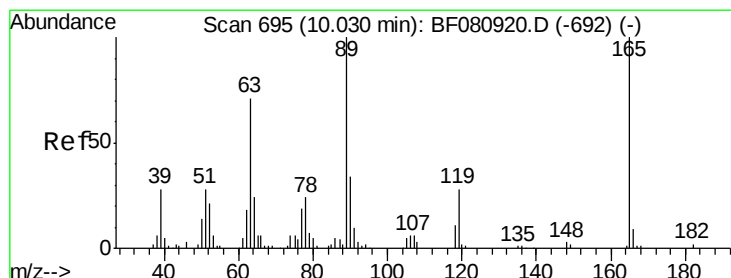
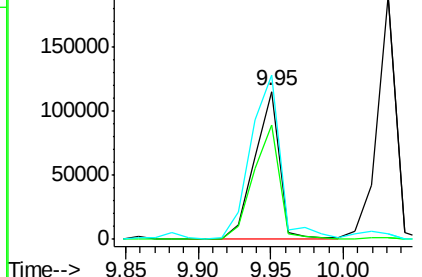
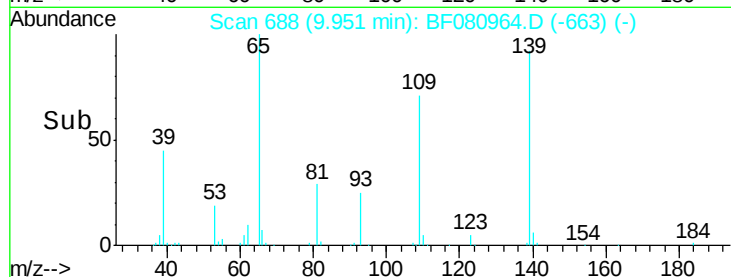
65 111.0 59.5 99.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.59 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion:165 Resp: 107628

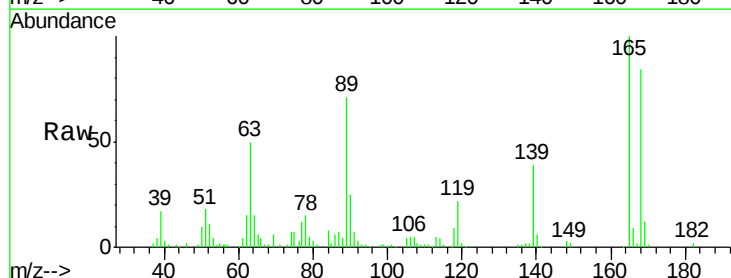
Ion Ratio Lower Upper

165 100

63 49.6 56.7 85.1#

89 70.8 80.4 120.6#

182 2.3 1.5 2.3#

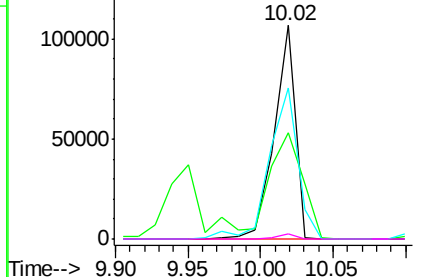
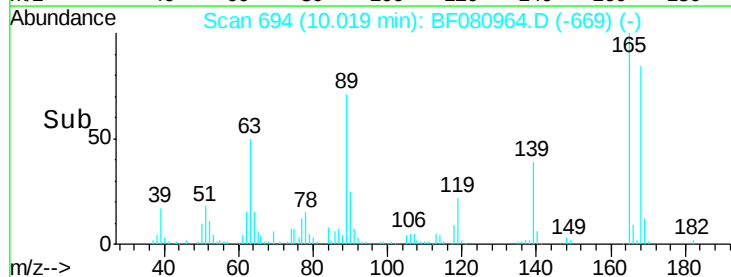


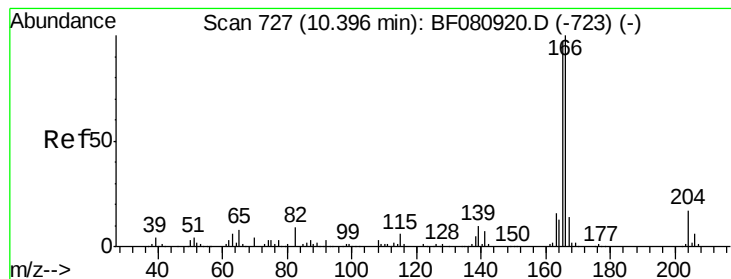
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.60 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

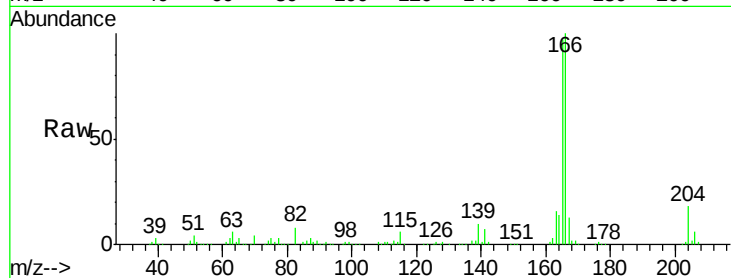
Tot Ion:166 Resp: 325330

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

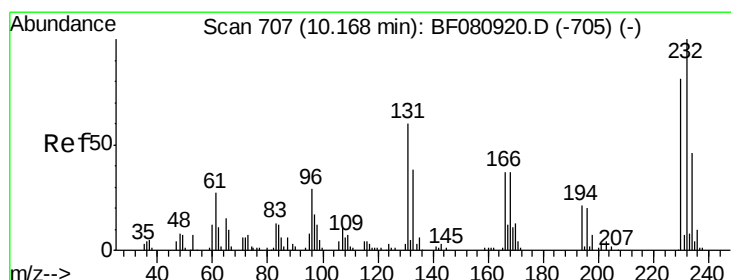
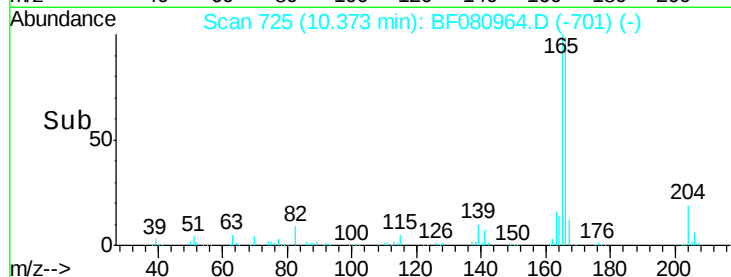
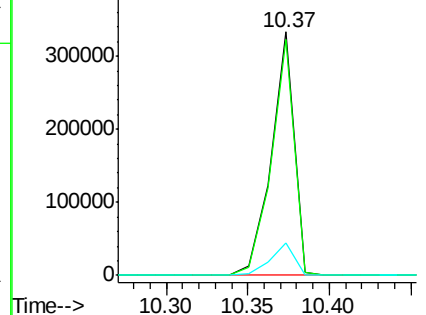
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.04 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion:232 Resp: 73704

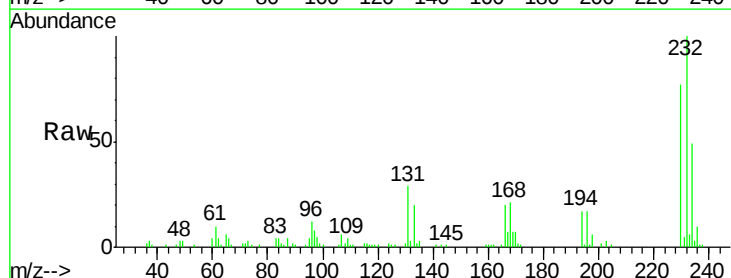
Ion Ratio Lower Upper

232 100

131 47.3 39.4 59.2

130 2.5 2.1 3.1

166 27.1 21.7 32.5

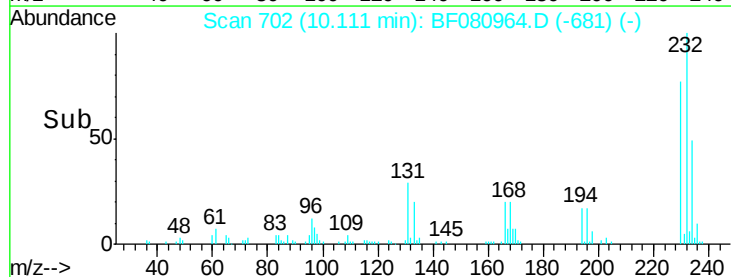
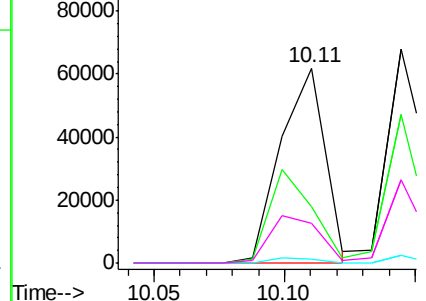


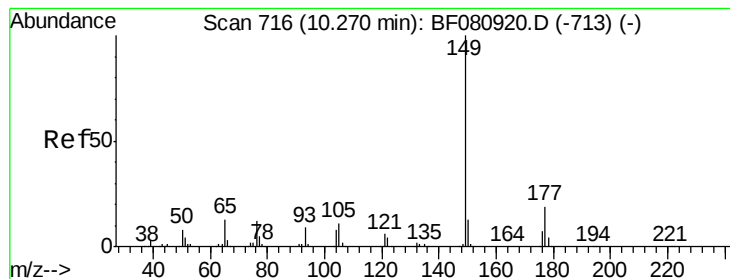
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.62 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

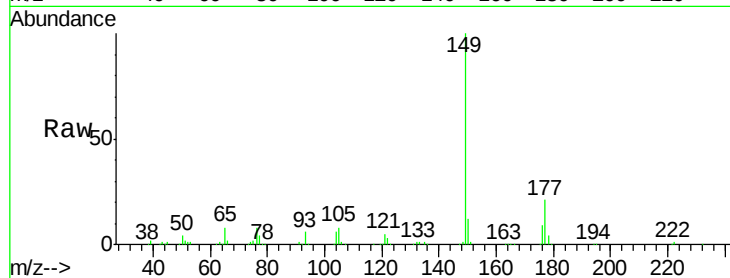
Tot Ion:149 Resp: 349786

Ion Ratio Lower Upper

149 100

177 21.3 15.0 22.4

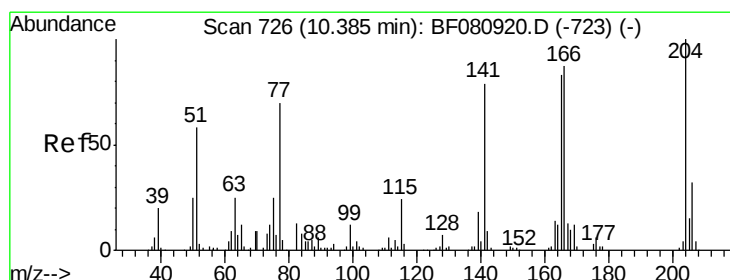
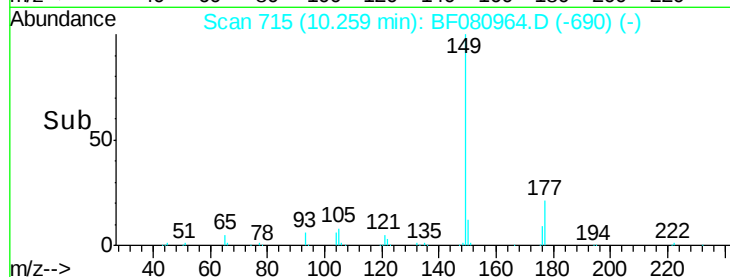
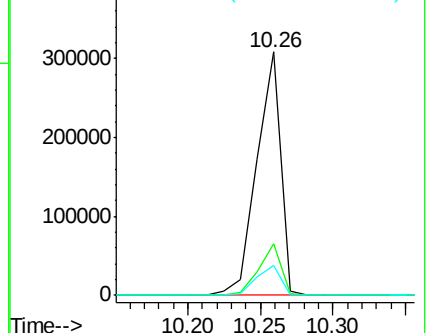
150 12.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.74 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

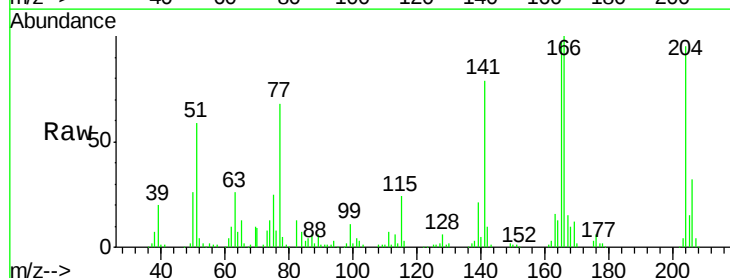
Tgt Ion:204 Resp: 127838

Ion Ratio Lower Upper

204 100

206 33.4 25.5 38.3

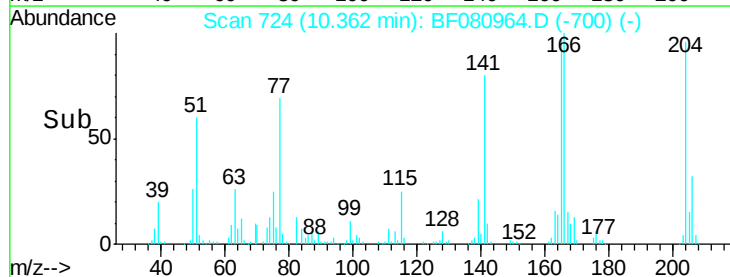
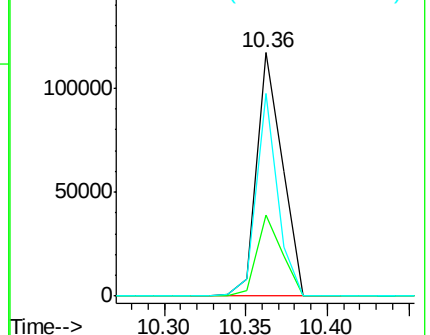
141 83.1 63.4 95.0

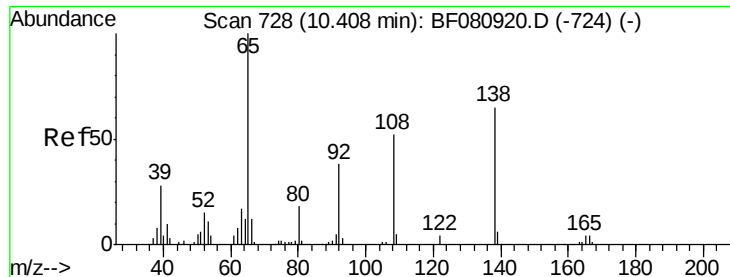


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

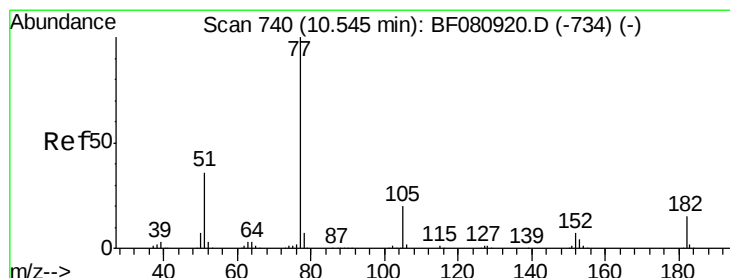
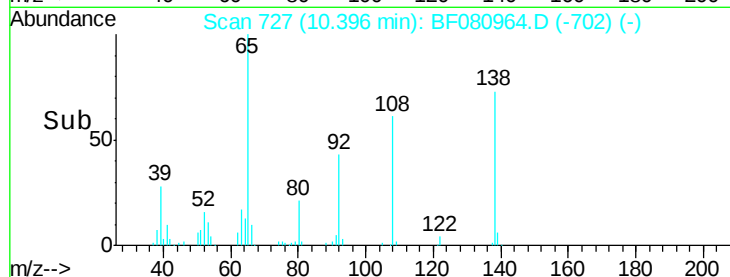
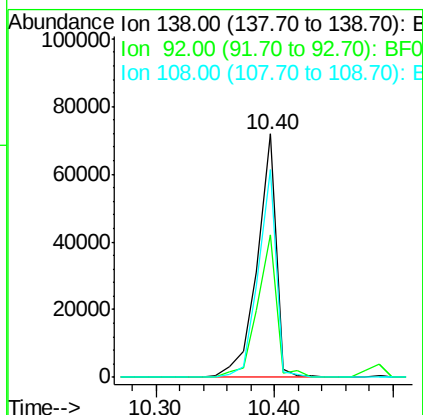
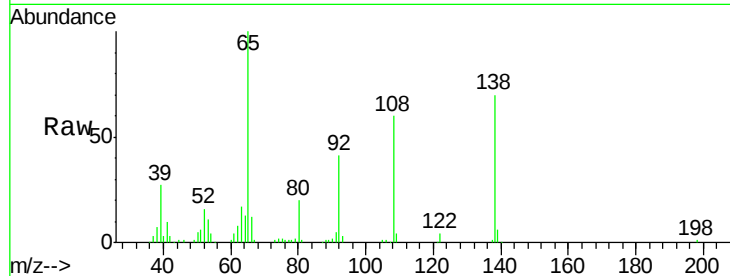




#61
4-Nitroaniline
Concen: 34.38 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

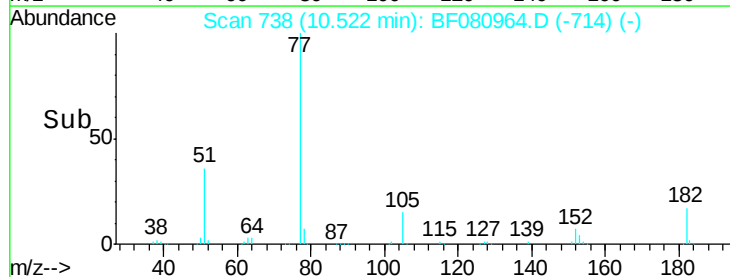
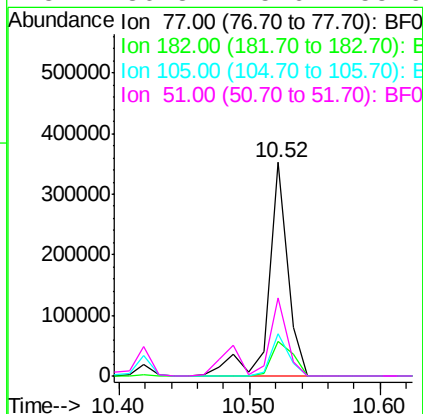
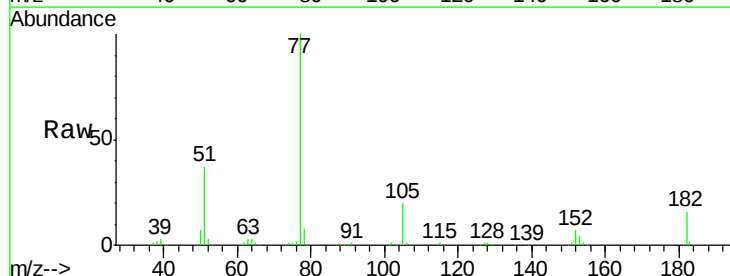
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

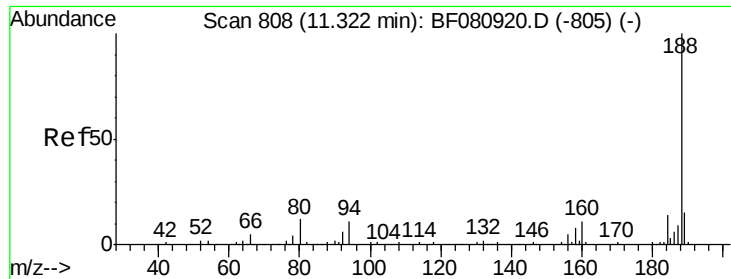
Tot Ion:138 Resp: 80481
Ion Ratio Lower Upper
138 100
92 58.5 38.1 78.1
108 85.5 59.9 99.9



#62
Azobenzene
Concen: 35.09 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 77 Resp: 364879
Ion Ratio Lower Upper
77 100
182 16.0 0.0 35.5
105 20.1 0.5 40.5
51 36.8 15.6 55.6

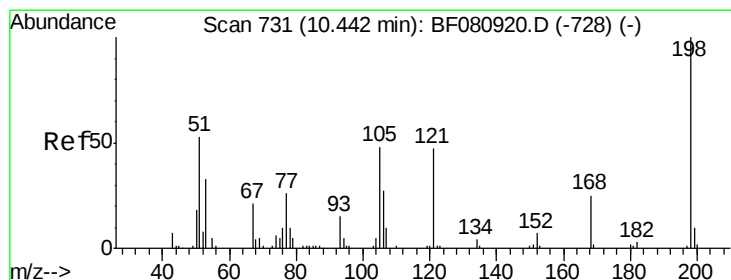
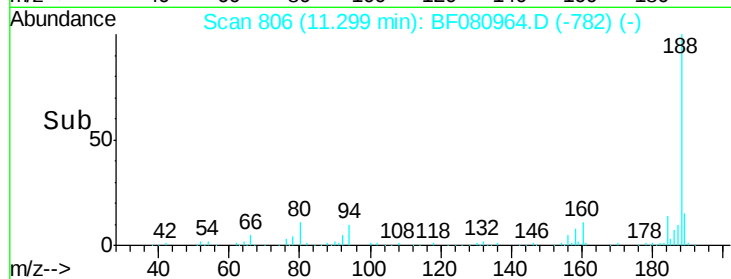
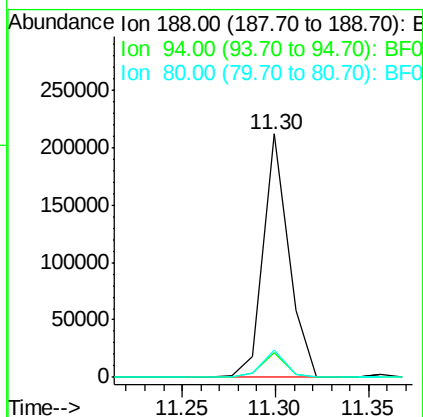
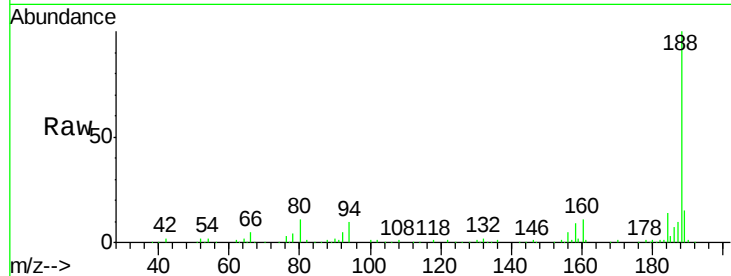




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

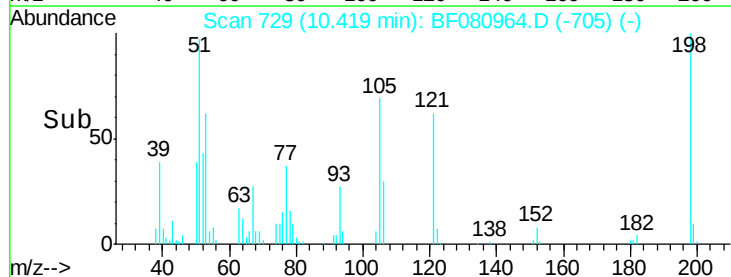
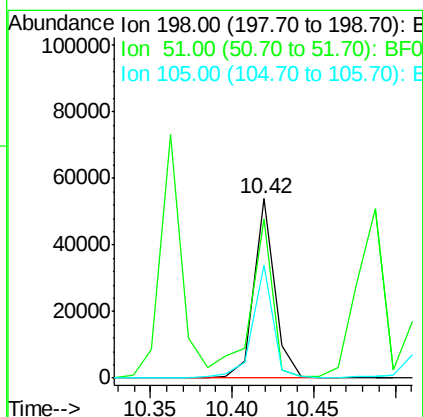
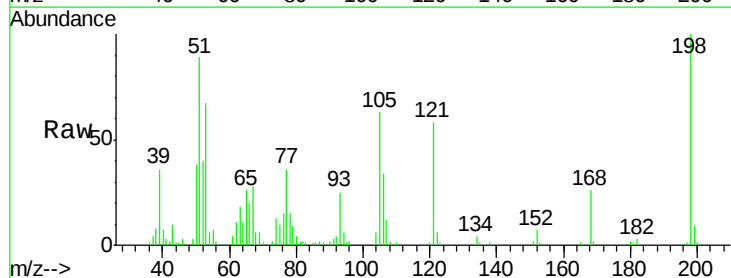
Instrument :
 BNA_F
 ClientSampled :
 PB84907BSD

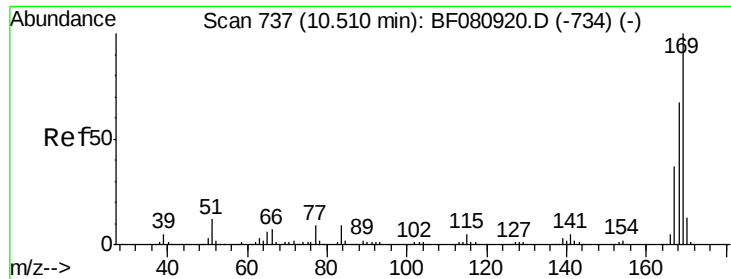
Tot Ion	188	Resp	199078
Ion Ratio	100	Lower	Upper
94	9.9	8.8	13.2
80	11.1	9.5	14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.83 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	198	Resp	47909
Ion Ratio	100	Lower	Upper
51	88.7	40.3	80.3#
105	63.3	29.6	69.6

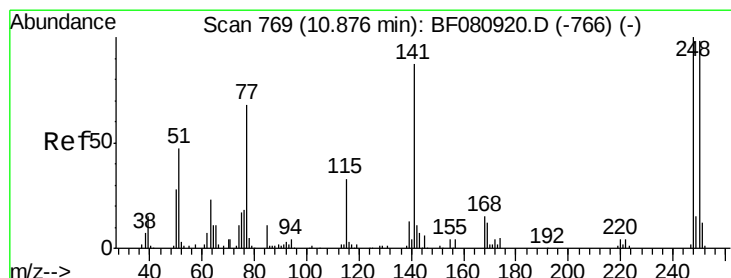
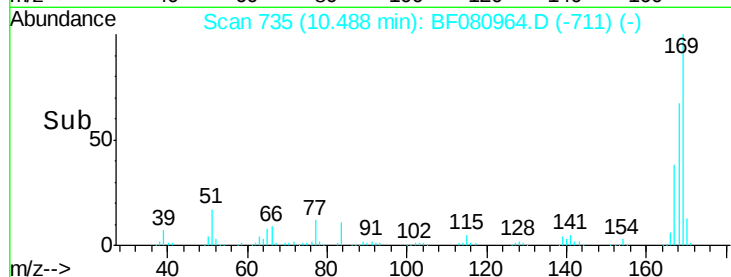
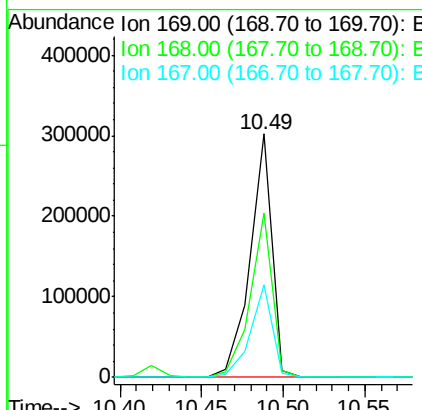
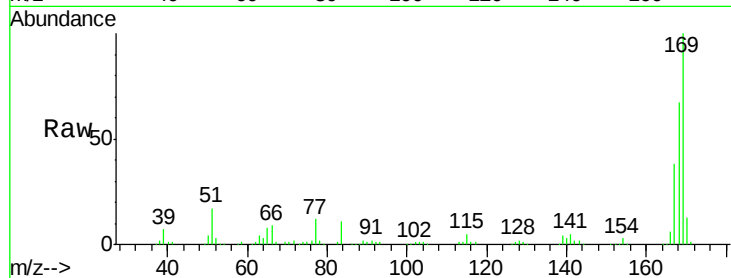




#65
 n-Nitrosodiphenylamine
 Concen: 40.74 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

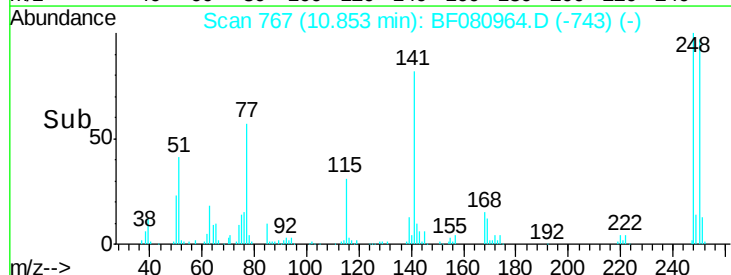
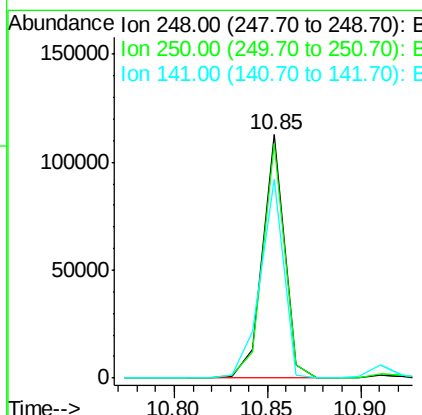
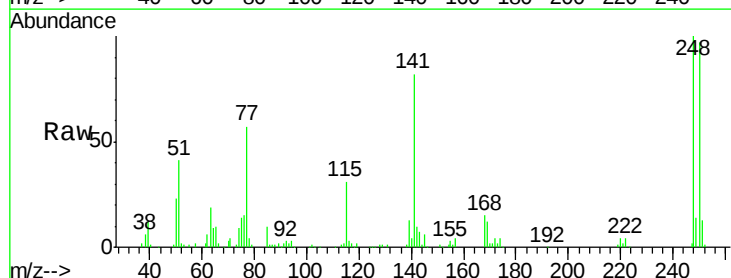
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

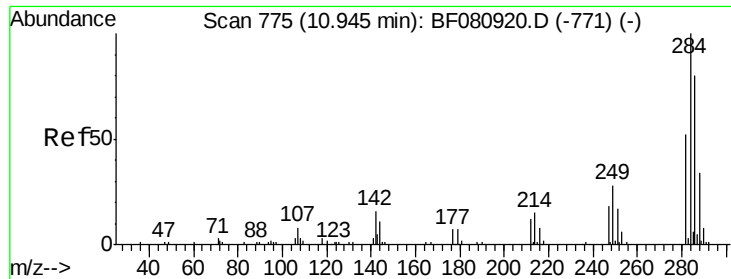
Tot Ion:169 Resp: 281761
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.7 80.5
 167 37.8 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 43.24 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:248 Resp: 91164
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.1 117.1
 141 81.8 69.6 104.4

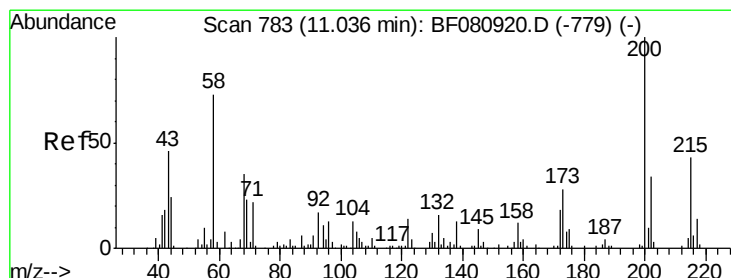
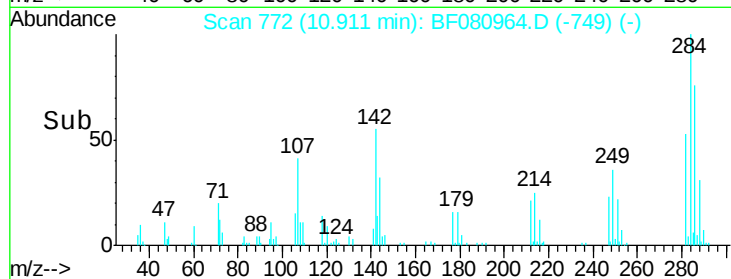
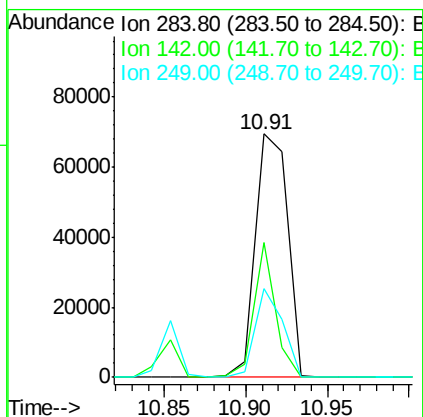
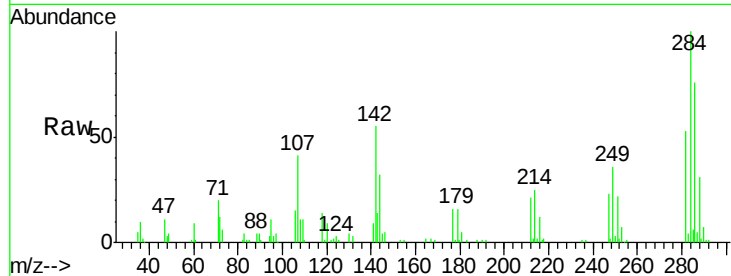




#67
Hexachlorobenzene
Concen: 40.76 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

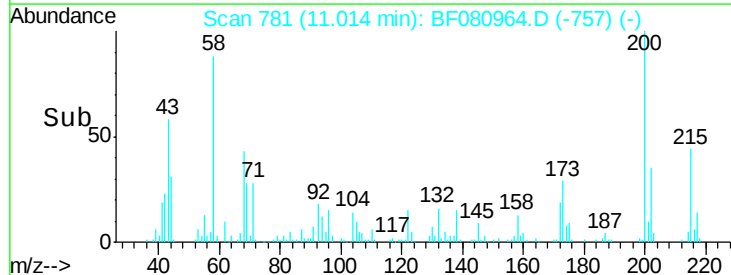
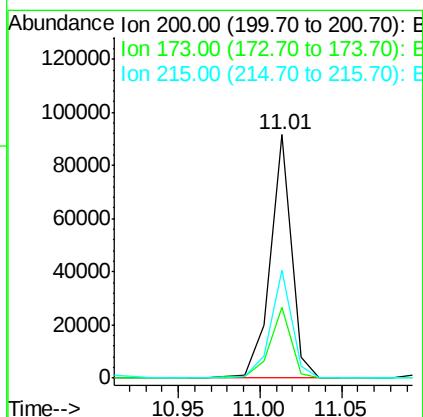
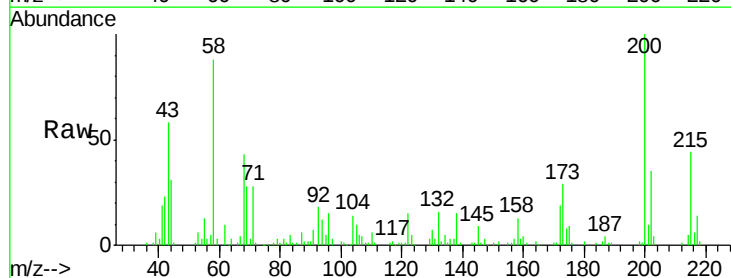
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:284 Resp: 95542
Ion Ratio Lower Upper
284 100
142 55.4 12.8 19.2#
249 36.3 22.5 33.7#



#68
Atrazine
Concen: 40.94 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:200 Resp: 83011
Ion Ratio Lower Upper
200 100
173 28.9 8.4 48.4
215 44.4 22.7 62.7

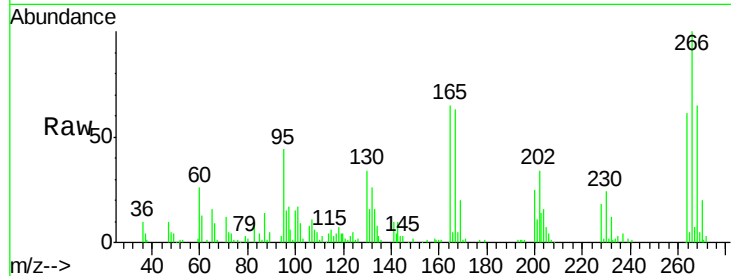




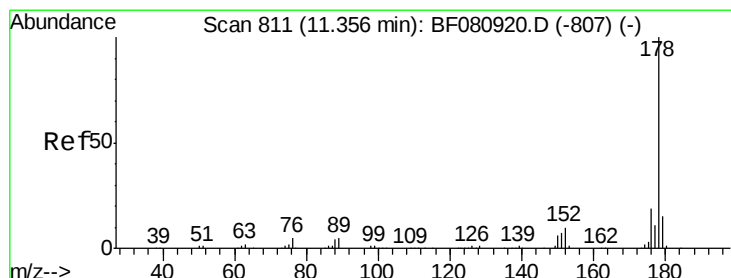
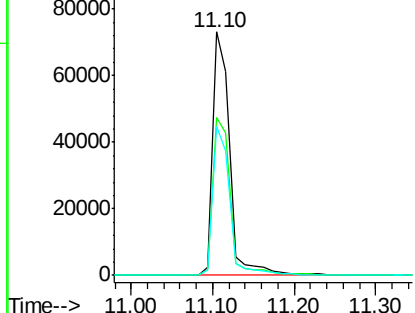
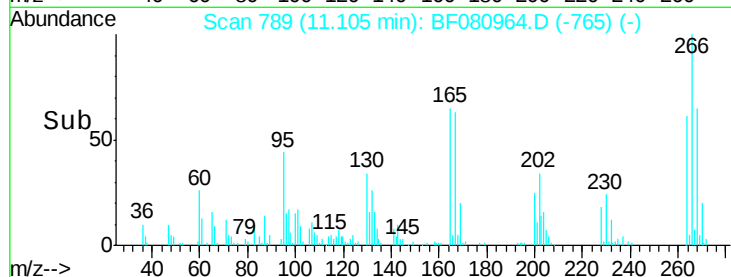
#69
 Pentachlorophenol
 Concen: 77.80 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:266 Resp: 106053
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.6 77.4
 264 61.0 50.1 75.1

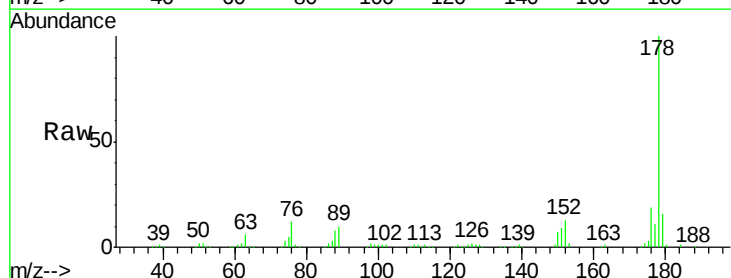


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

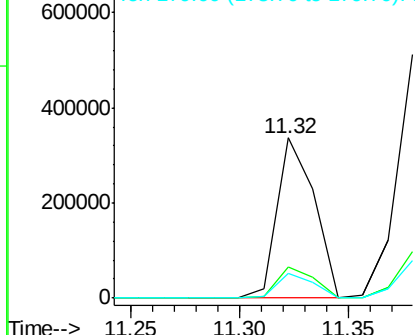
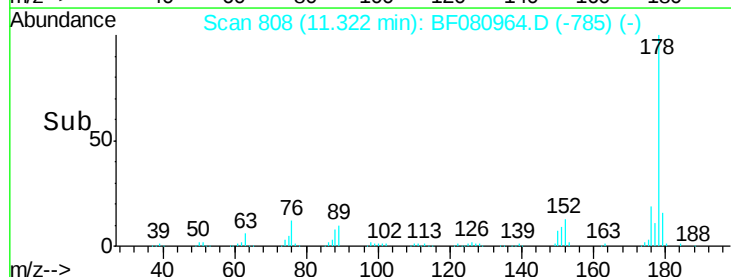


#70
 Phenanthrene
 Concen: 35.95 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:178 Resp: 405291
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.7 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

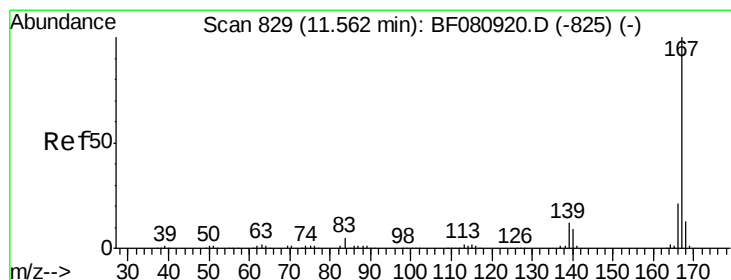
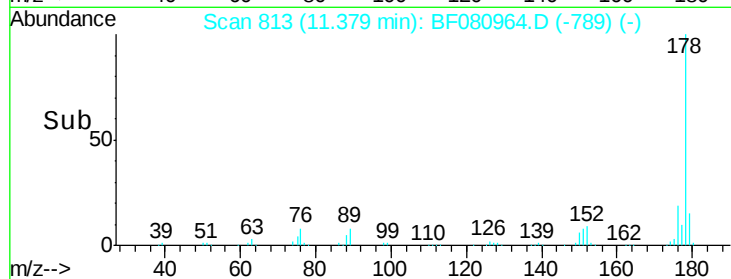
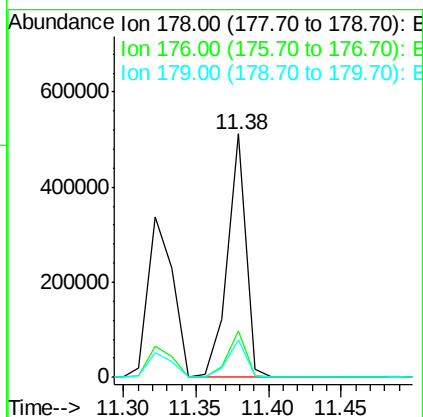
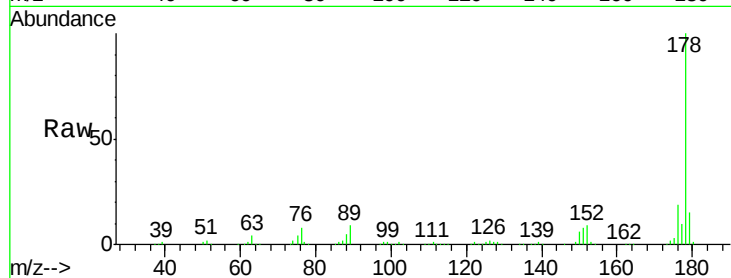




#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

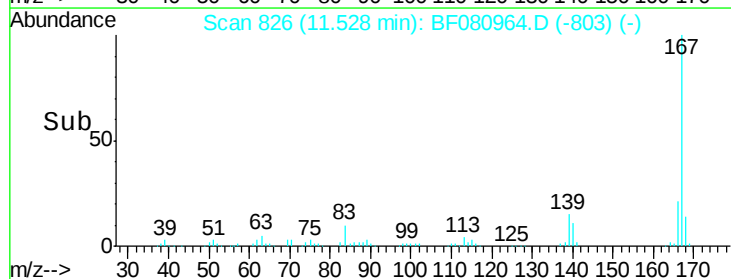
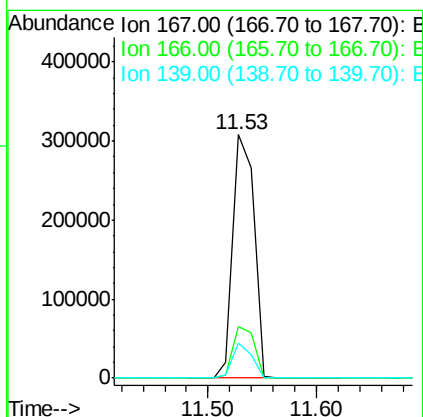
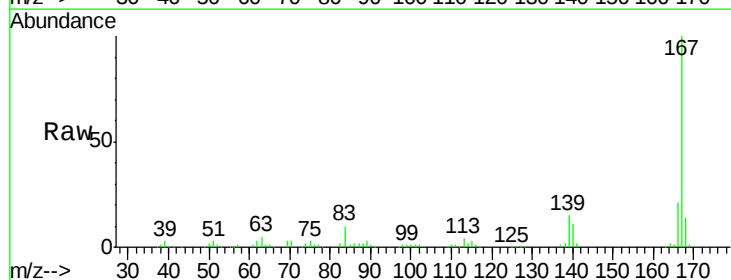
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:178 Resp: 452264
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 37.94 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:167 Resp: 412233
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 14.6 9.2 13.8#





#73

Di-n-butylphthalate

Concen: 41.93 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

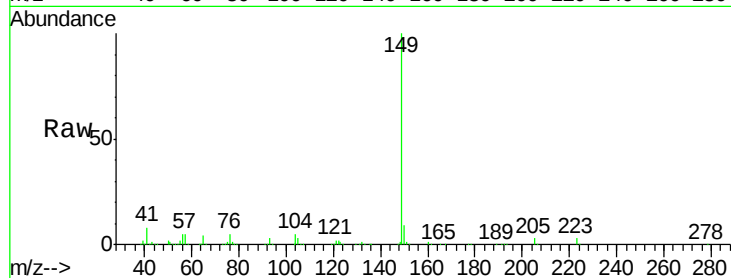
Tot Ion:149 Resp: 569725

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

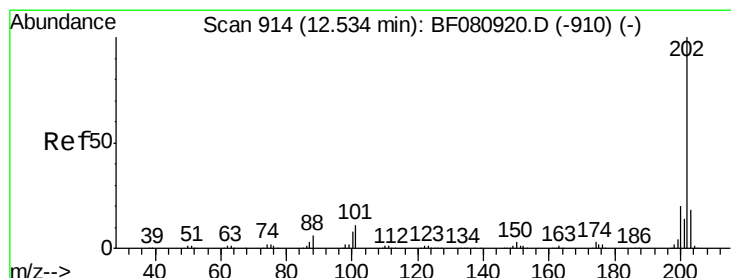
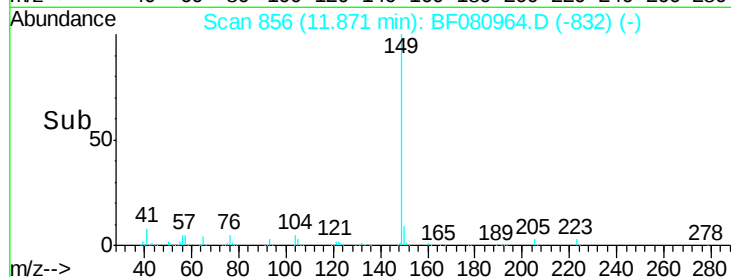
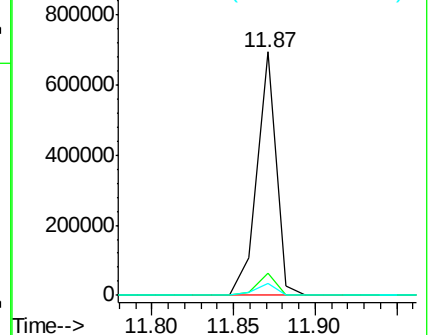
104 5.0 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.74 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

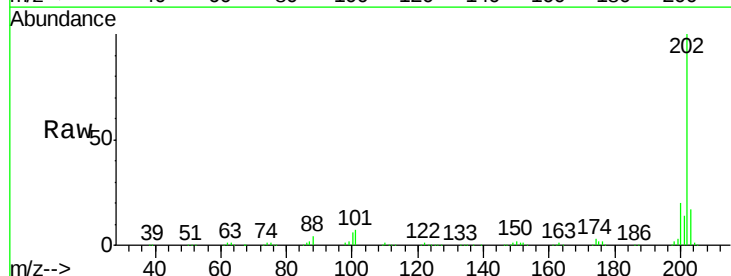
Tgt Ion:202 Resp: 496464

Ion Ratio Lower Upper

202 100

101 7.1 0.0 30.5

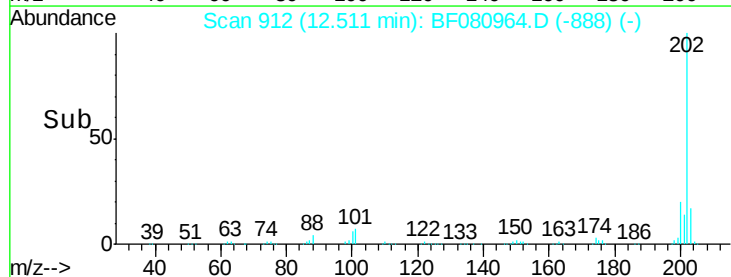
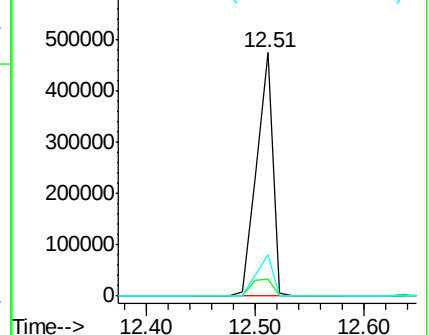
203 17.2 0.0 37.7

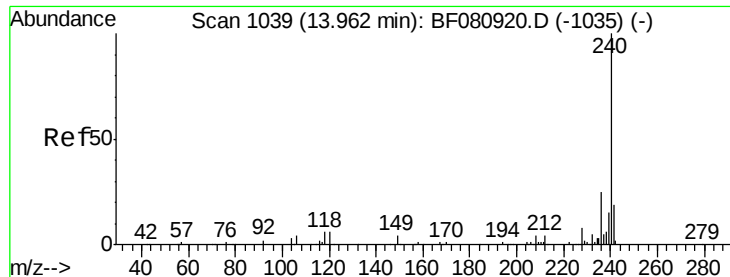


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

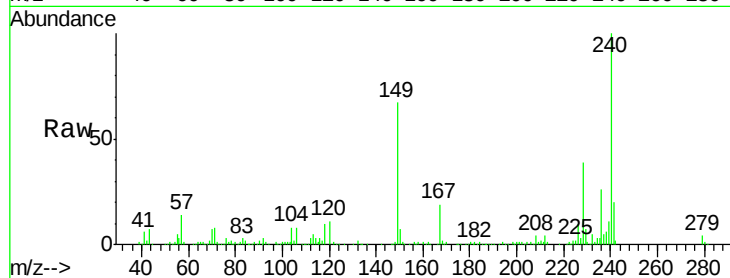
Tot Ion:240 Resp: 180927

Ion Ratio Lower Upper

240 100

120 10.7 5.2 7.8#

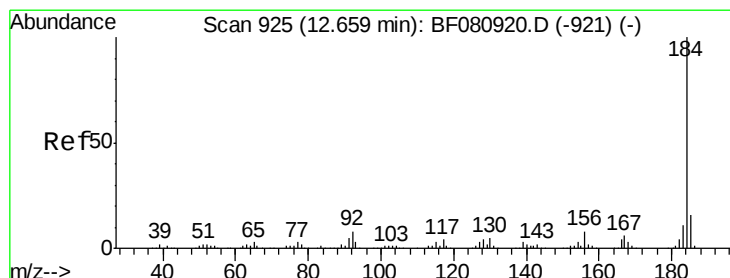
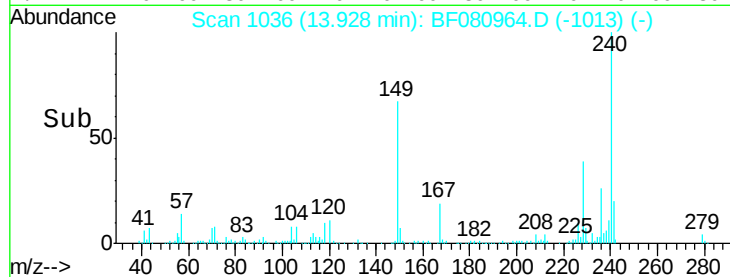
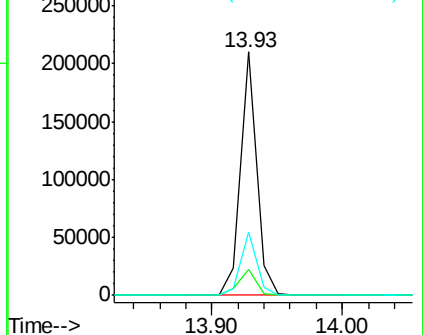
236 26.1 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

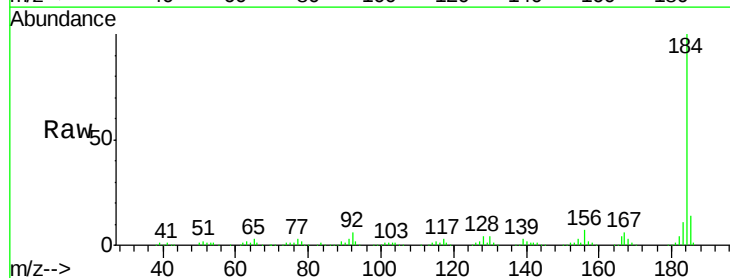
Tgt Ion:184 Resp: 371074

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.4

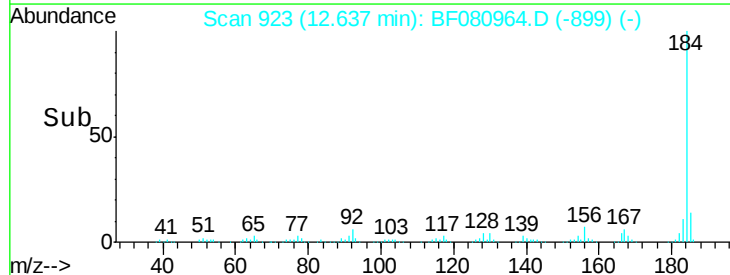
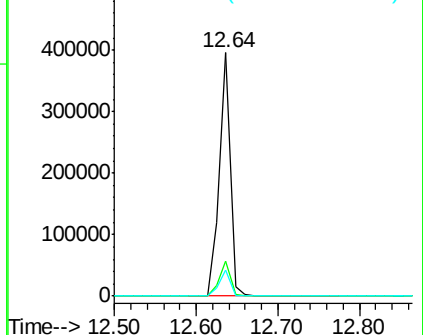
183 10.8 8.7 13.1

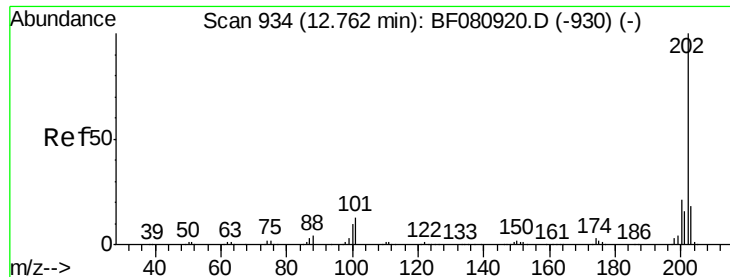


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

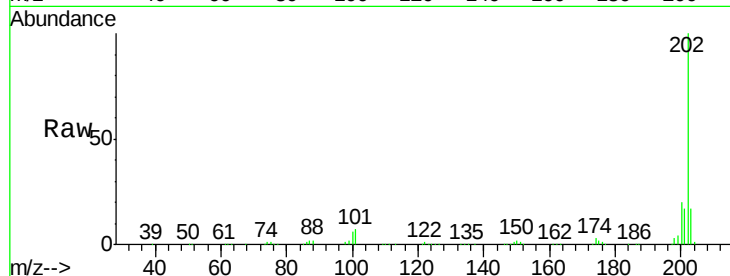




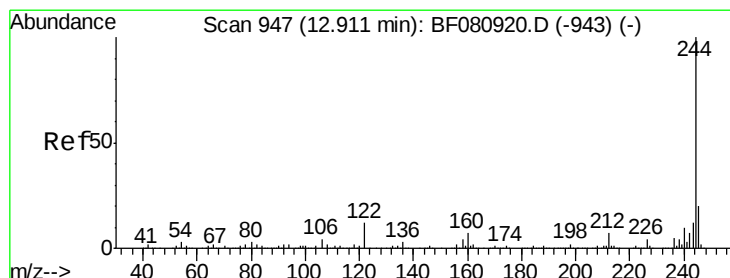
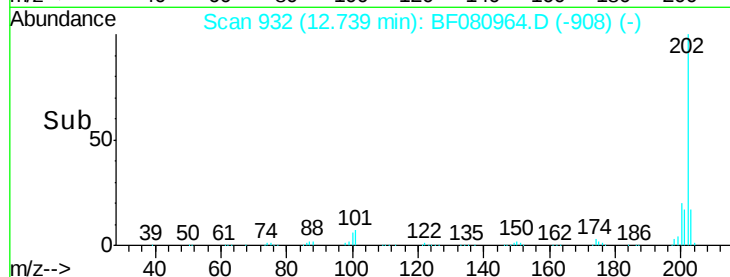
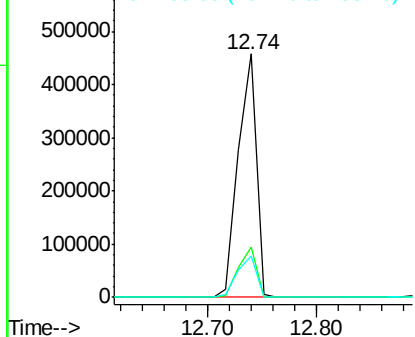
#77
Pvrene
Concen: 38.86 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion:202 Resp: 519382
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.1 14.2 21.2

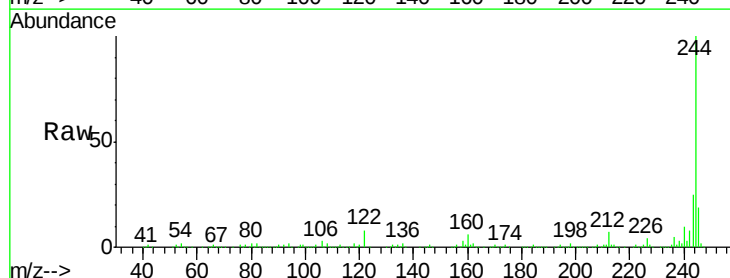


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

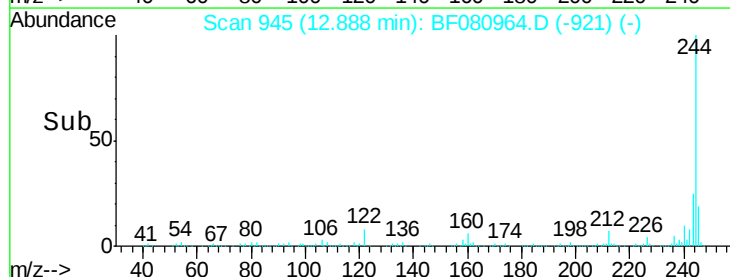
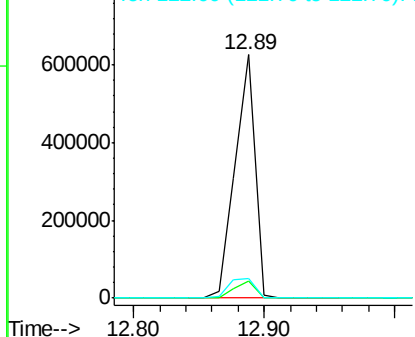


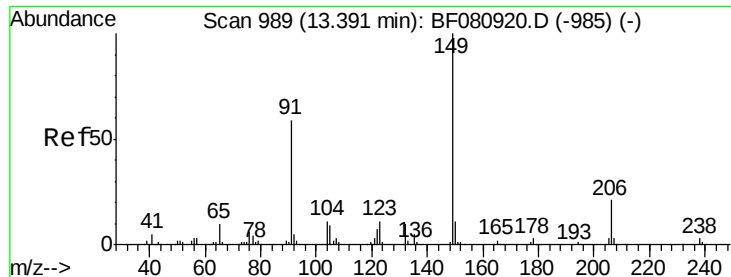
#78
Terphenyl-d14
Concen: 75.11 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:244 Resp: 657913
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 8.2 9.4 14.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

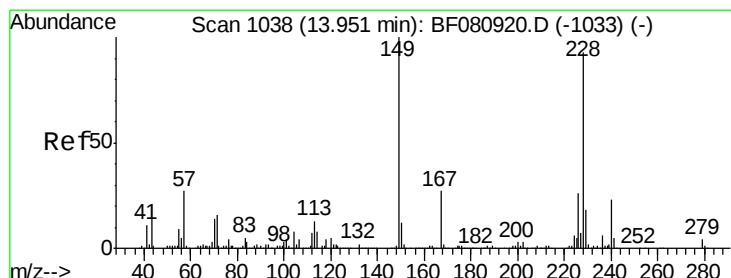
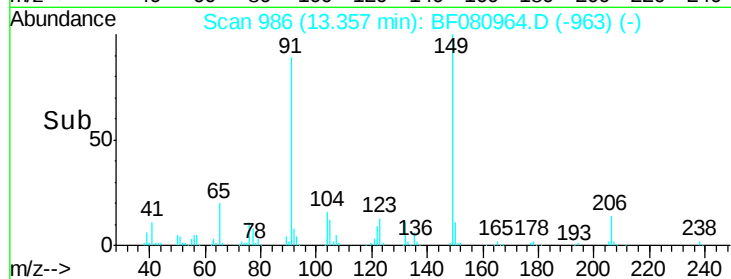
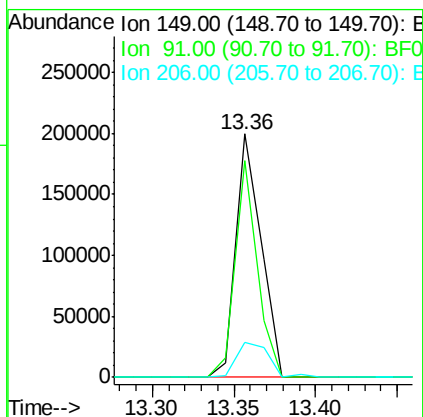
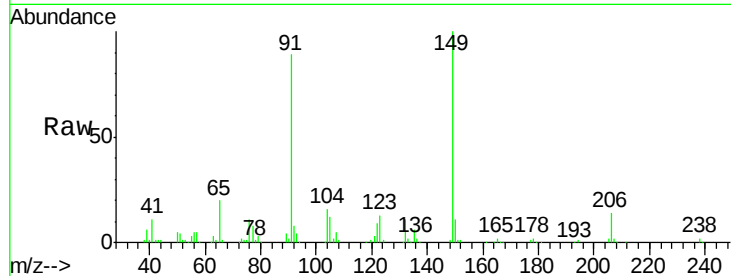




#79
Butylbenzylphthalate
Concen: 33.01 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

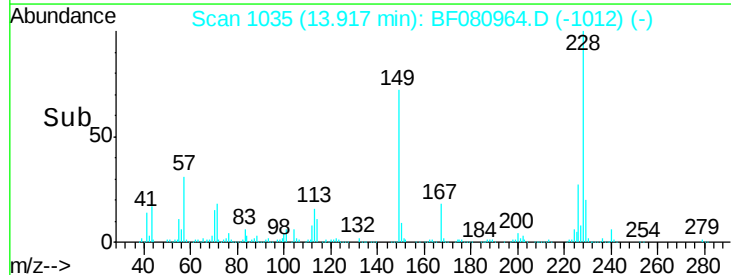
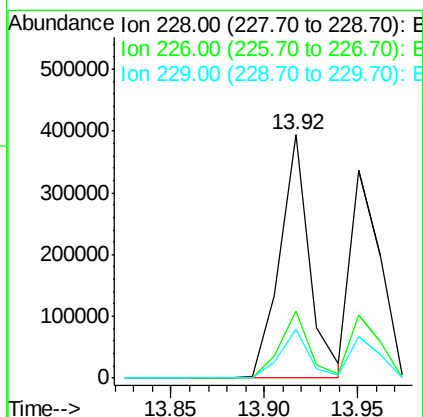
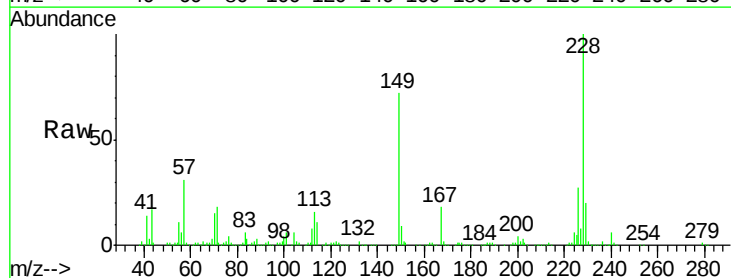
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

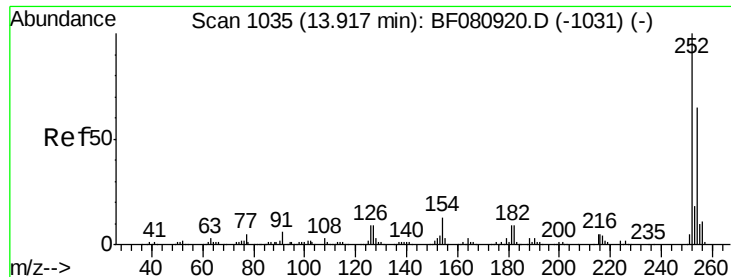
Tot Ion:149 Resp: 212695
Ion Ratio Lower Upper
149 100
91 89.0 47.2 70.8#
206 14.4 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 38.21 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:228 Resp: 436639
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.0 15.8 23.6

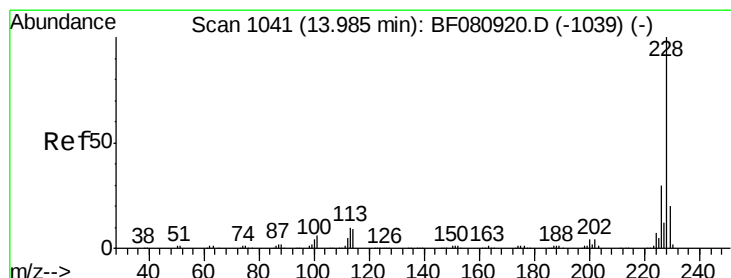
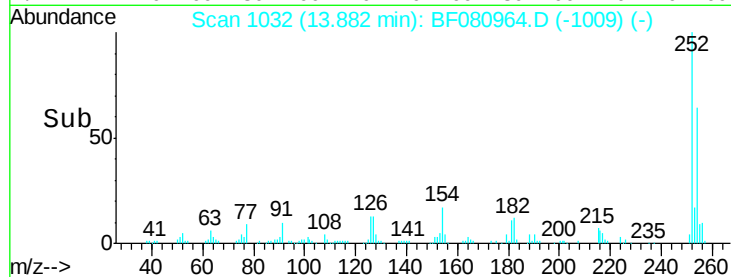
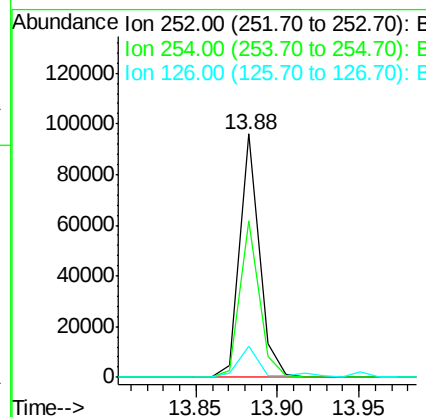
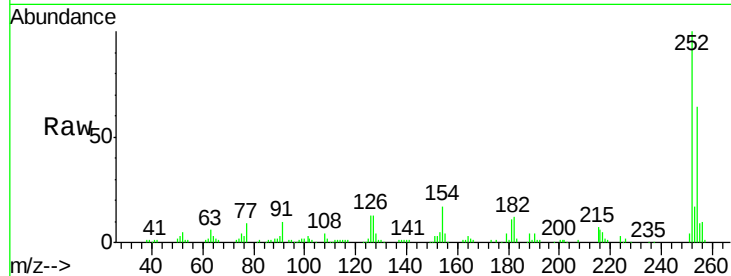




#81
 3,3'-Dichlorobenzidine
 Concen: 19.03 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

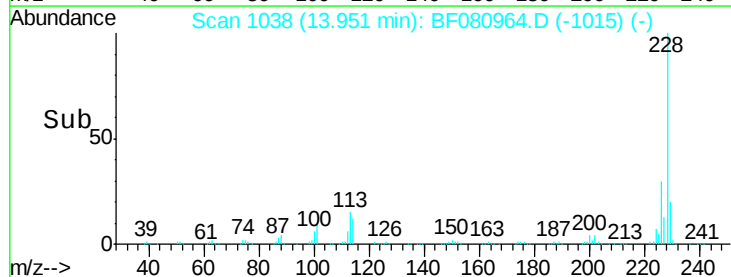
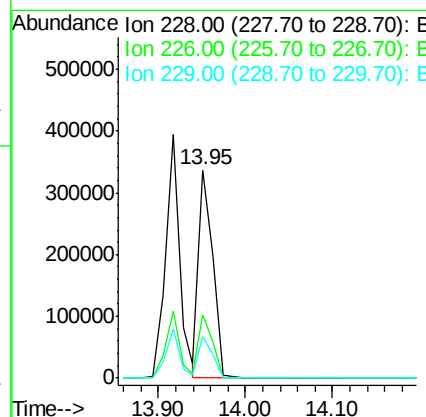
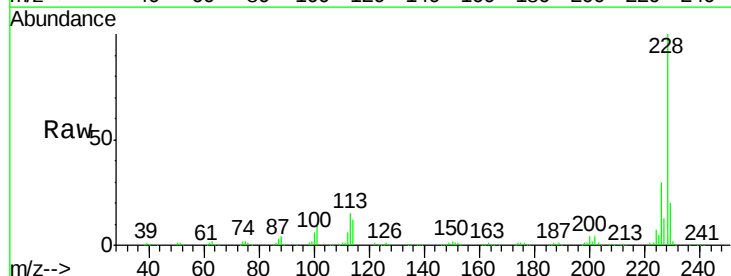
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:252 Resp: 79092
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.7 77.5
 126 12.6 7.1 10.7#



#82
 Chrysene
 Concen: 34.45 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:228 Resp: 376942
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 20.1 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.89 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

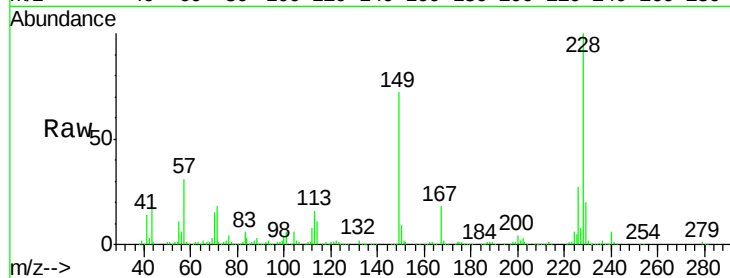
Tot Ion:149 Resp: 303872

Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.0

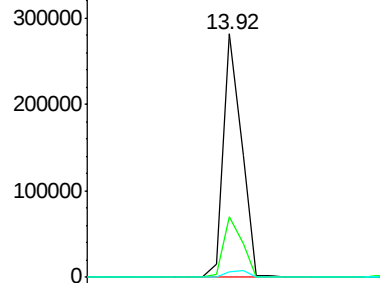
279 2.1 2.9 4.3#



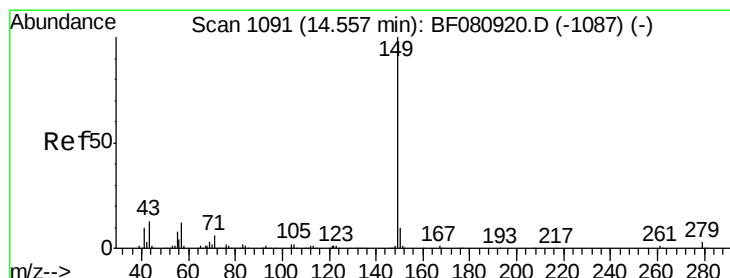
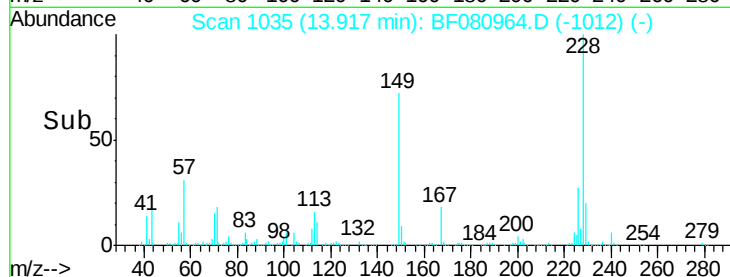
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.80 13.90 14.00



#84

Di-n-octyl phthalate

Concen: 34.32 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

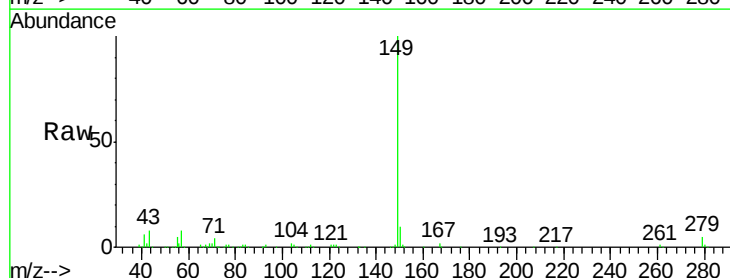
Tgt Ion:149 Resp: 521627

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

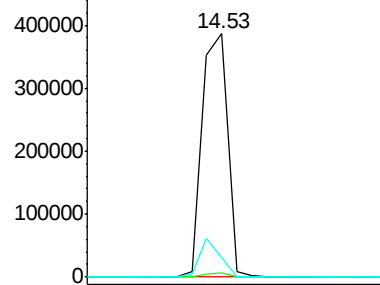
43 12.9 11.0 16.4



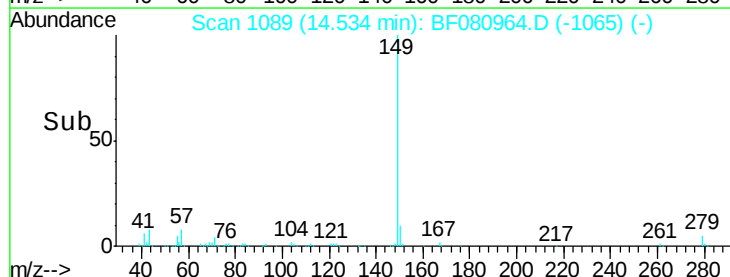
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time--> 14.50 14.60

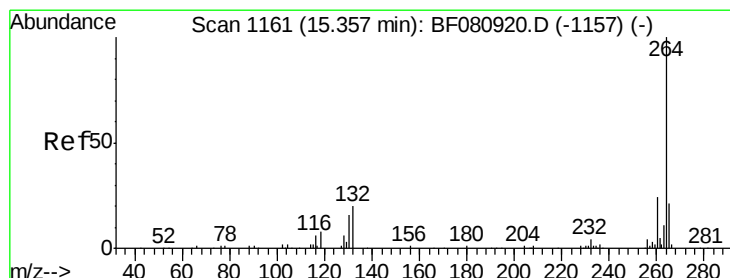
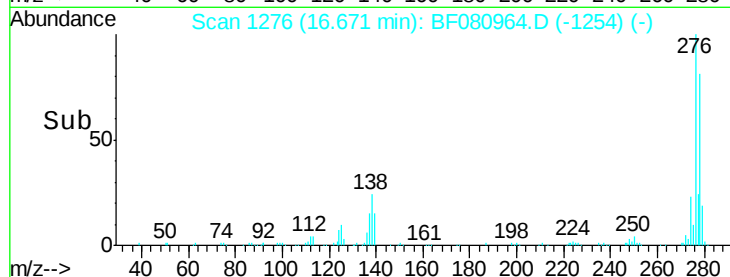
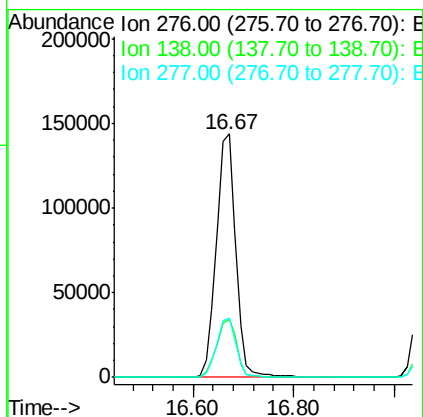
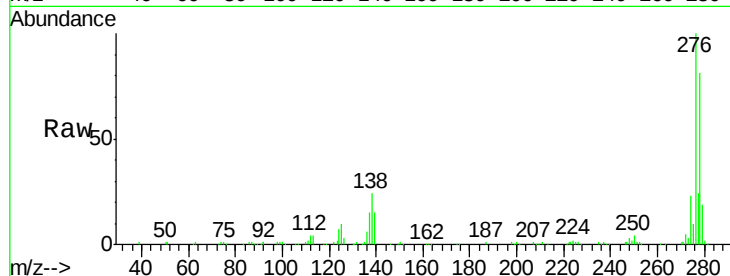




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.27 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

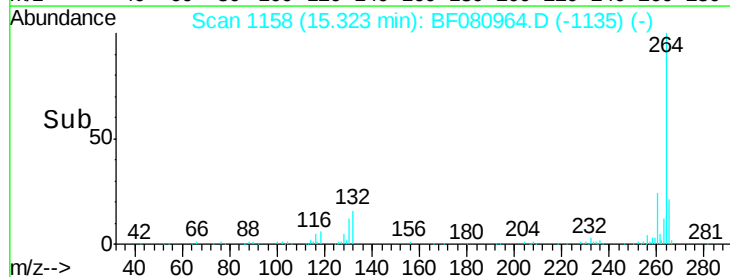
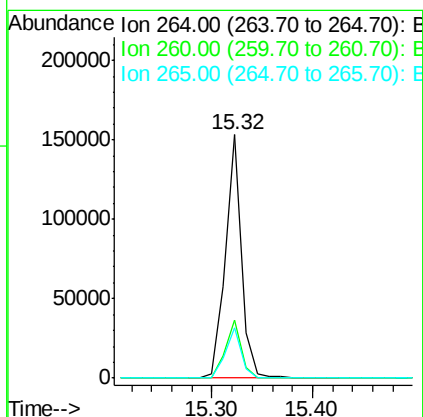
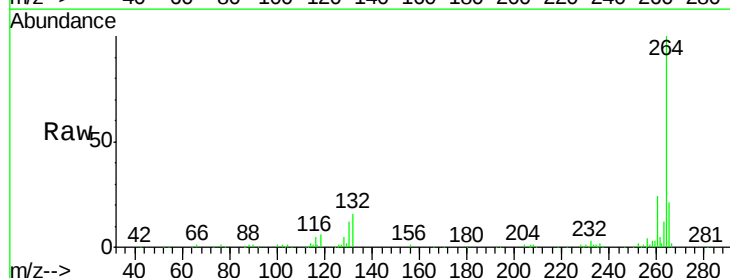
Instrument :
BNA_F
ClientSampleId :
PB84907BSD

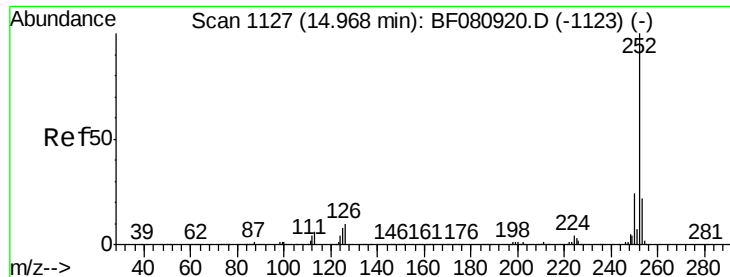
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.9	29.9
277	24.3	19.7	29.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.8	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 65.36 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

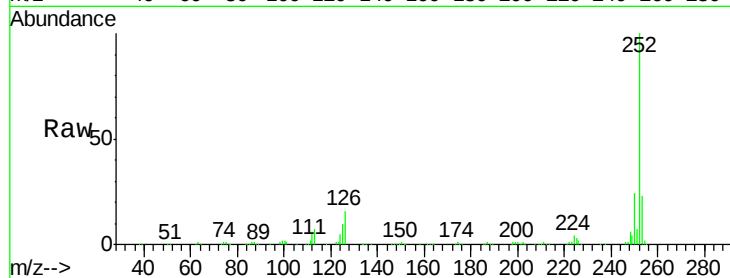
Tot Ion:252 Resp: 770167

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

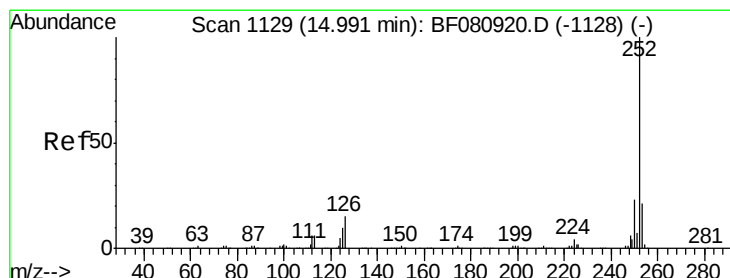
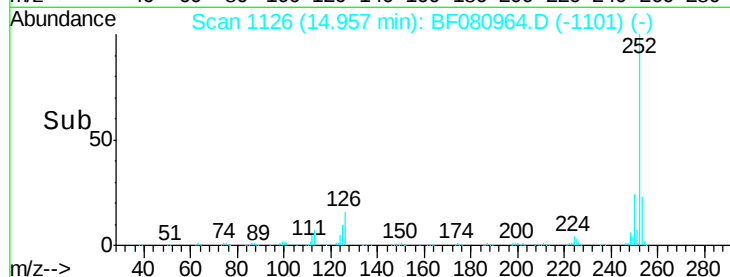
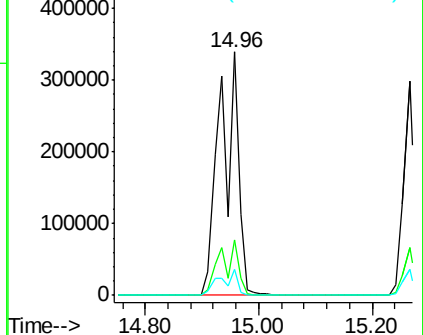
125 10.5 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 74.71 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

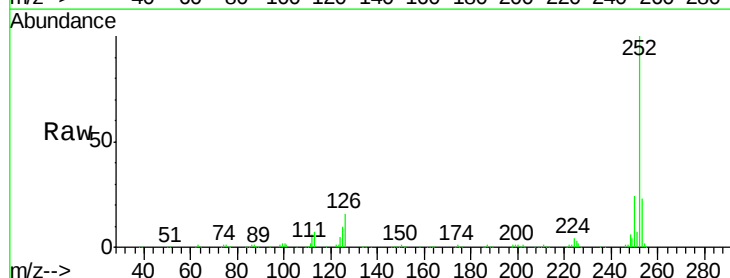
Tgt Ion:252 Resp: 770167

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

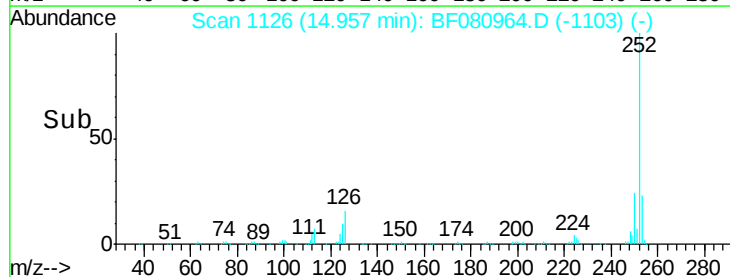
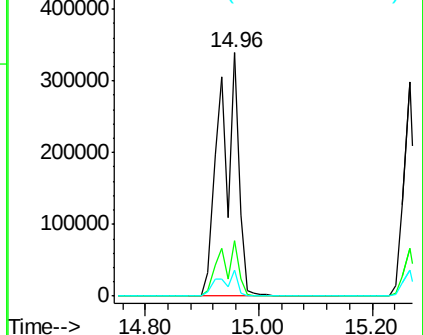
125 10.5 9.0 13.6

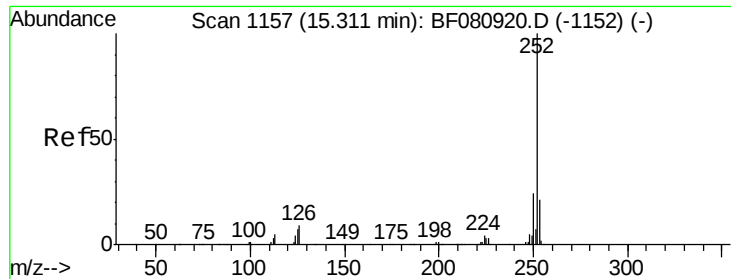


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.75 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

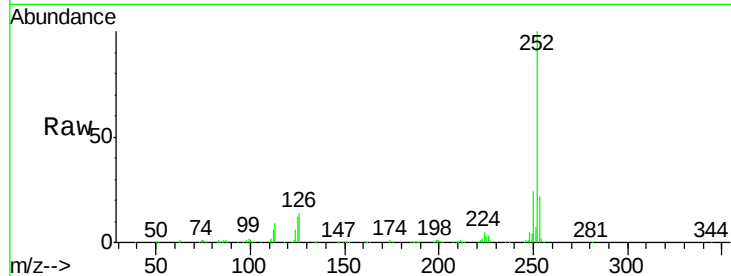
Tot Ion:252 Resp: 402603

Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

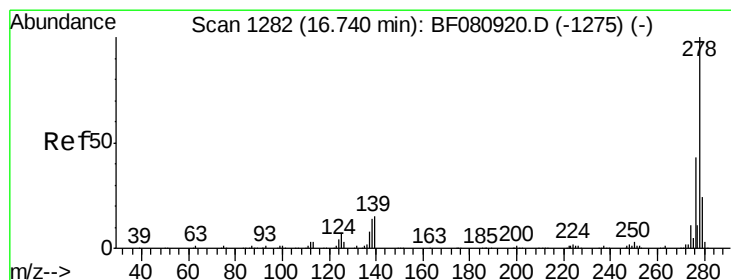
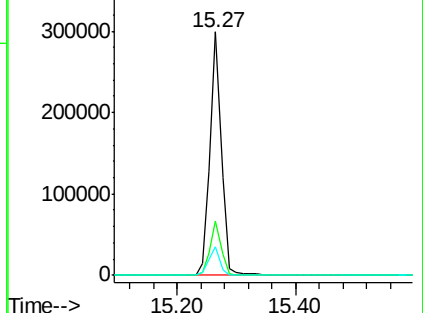
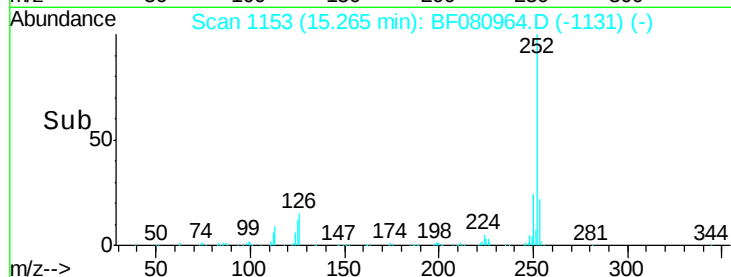
125 11.9 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.55 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

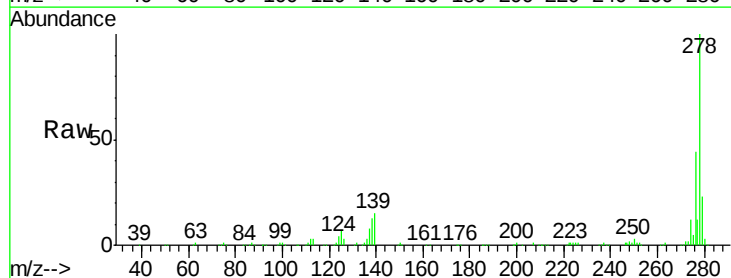
Tgt Ion:278 Resp: 327428

Ion Ratio Lower Upper

278 100

139 14.6 11.9 17.9

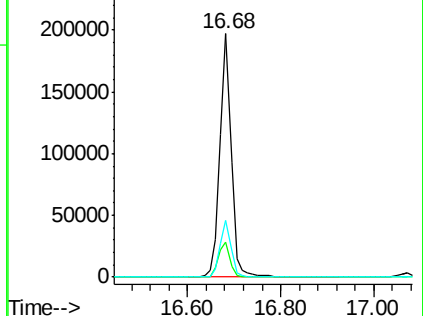
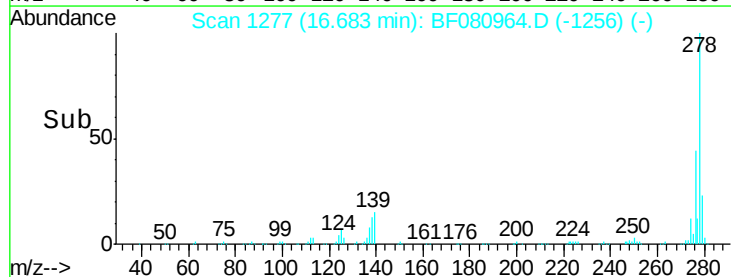
279 23.3 19.0 28.6

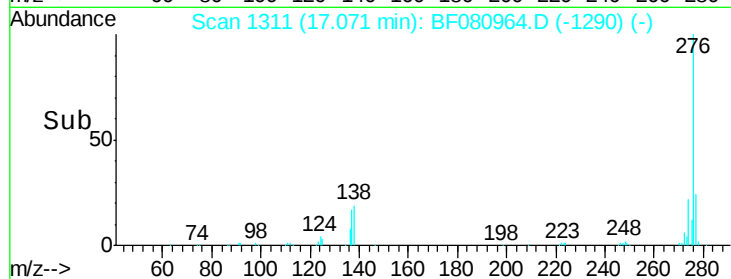
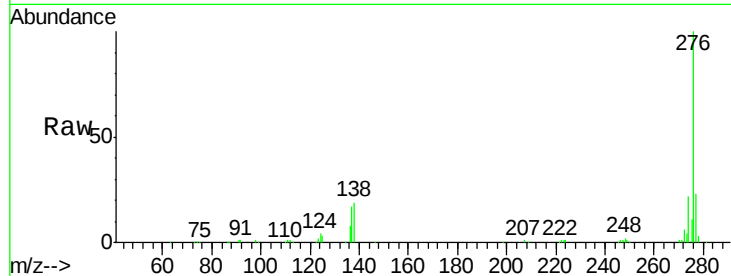
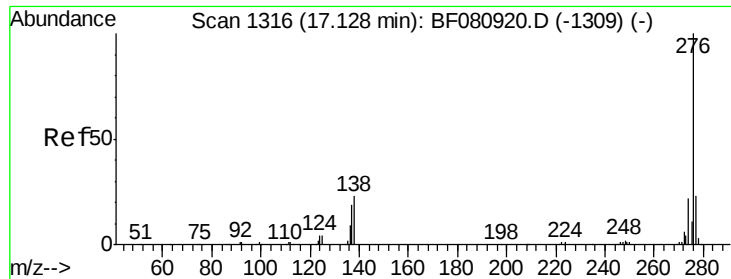


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.34 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

Tot Ion: 276 Resp: 290456

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 19.0 18.4 27.6

